MICHELIA

COMMENTARIUM MYCOLOGICUM

FUNGOS IN PRIMIS ITALICOS

ILLUSTRANS

CURANTE

P. A. SACCARDO

VOLUMEN I.

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PATAVII

TYPIS SEMINARII

1879

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FUNGI VENETI

NOVI VEL CRITICI

VEL MYCOLOGIÆ VENETÆ ADDENDI

AUCTORE

P. A. SACCARDO

SERIES VI. *)

Hymenomyceteæ *Fr.*

1. **Agaricus** (Lepiota) **acutesquamosus** Weinm. - Erb. critt. ital. ser. II. n. 85. - *A. Friesii* Lasch **acutesquamosus* Fr. Hymen. Eur. 31.
   Hab. in agris *a Selva* (*Treviso*) **) et *Padova*, autumno 1876, non raro.
2. **Agaricus** (Tricholoma) **sejunctus** Sow. var. *fuscescens*: pileo obscuriore, marginem versus pallidiore, lamellis totis albidis, vel peripherice dilute sulphureis.
   Hab. in sylva *Montello*, Oct. 1876, non raro.
3. **Agaricus** (Omphalia) **umbelliferus** L., Fr. Hymen. Eur. 161. - var. *umbrina*.
   Hab. in graminosis, muscosis collium *Euganei*, Martio 1876.
4. **Agaricus** (Pleurotus) **Sylvanus** Sacc. sp. nov. Pileo membranaceo subflaccido, sessili, cucullato-cupulari vel

*) Series I in *N. Giorn. bot. ital.* V. (1873) p. 269 - Series II *ibid.* VII. (1875) p. 299 - Series III in *Hedwigia* XIV (1875) n. 5 p. 68 - Series IV in *Atti Società Veneto-Trentina*, IV fasc. I (1875) — Series V in *N. Giorn. bot. ital.* VIII (1876) p. 161.

**) Loca sæpius memorata: *Selva*, *Giavera*, *Nervesa*, *Colfosco*, *Susigana*, *Vidòr*, vici, *Vittorio* et *Conegliano* urbes in agro Tarvisino *(Treviso)*; *bosco Montello* et *bosco Cansiglio*, sylvæ, prior in agro Tarvisino distr. *di Montebelluna*, postrema in finibus agri Tarvisini, Bellunensis et Utinensis; *Euganei*, colles in agro Patavino.

subdimidiato, e resupinato reflexo, lævissimo (non striato), glabro, cinereo-nigro, minutissime albo-furfuraceo, margine rectiusculo; lamellis latis, remotiusculis, integris dimidiatisque, sordide albis; sporis breve cylindraceis vehementer curvatis, 8–9 ✶ 3 $^{1}/_{2}$–4, granulosis hyalinis, in basidiis clavatis, 30 ✶ 7–8, per sterigmata brevissima acrogenis - Pileus 5-8 mill. diam.

Hab. in sarmentis putrescentibus Clematidis Vitalbæ *a Selva*, Martio 1877.

Obs. Cum *Ag. applicato* Batsch et *Ag. striatulo* Fr. quadam affinitate devincitur, sed statim riteque distinguitur pileo glabro, non striato, sporis lunulatis etc.

5. **Agaricus** (Entoloma) **sinuatus** Fr., Cooke Hndb. p. 90. - Sacc. Mycoth. Veneta n. 807.

Hab. in umbrosis sylvæ *Montello*, Octobri 1876, frequens.

Obs. Stipes cylindraceus, quandoque basi incrassatus, farctus, albus v. albidus, extus fibrillosus; pileus e convexo expansus, lævis, griseus, margine repandus, lobatusve, rarius integer; lamellæ subemarginatæ v. rotundato-adnexæ, latiusculæ, sordide albæ, dein lutescentes, tandem sordide carneæ; sporæ e globoso acute angulosæ, 8-9 diam., nubilosæ, hyalinæ. - Totus fungus, venenatus ex Cooke l. c., odore gravi farinaceo pollet.

6. **Agaricus** (Crepidotus) **Cesatii** Rabh., Fr. Hymen. Eur. p. 277.

Hab. in lignis, corticibus, ramisque dejectis *a Selva*, *Vittorio*, autumno.

Obs. Ab *A. variabili* Pers., cui affinis, praecipue dignoscitur pileo haud tomentoso, sed tenuissime velutino, lamellis et sporis (6–7 ✶ 4$^{1}/_{2}$–5$^{1}/_{2}$) flavicantibus, nec rubiginosis - *A variabilis* Mycoth. Ven. n. 422 huc pro parte spectat.

7. **Cortinarius** (Phlegmacium) **fulmineus** Fr. Hymen. Eur. 347. - *Agaricus sericeus* Schäff. t. 24!

Hab. in sylva *Montello*, autumno (Doct. Moretti!).

8. **Hygrophorus** (Camarophyllus) **cinereus** Fr. Hymen. Eur. 413.

Hab. in sylva *Montello*, autumno 1876, rarius.

quandoque acutatis, omnibus vero apice sub lente setulosis.

Hab. in cortice putrescente Robiniæ *a Selva*, Sept. 1875.

18. **Hydnum** (Mesopus) **nigrum** Fr. var. *olivaceo-cinereum* Fr. Hymen. Europ. 605. - *H. cinereum* Batsch, Elench. Fungor. fig. 223!

Hab. in sylva *Montello*, Oct 1872, raro.

19. **Hydnum** (Mesopus) **Montellicum** Sacc. sp. nova. Lignoso-coriaceum; pileo compacto, subplano, centro excavato, subregulari, tomentoso-velutino, ferrugineo-spadiceo, intus fusco, azono; stipite subregulari, cylindraceo, spadiceo e velutino glabrato; aculeis aequalibus ad medium fere stipitem decurrentibus, longiuscule subulatis, constanter ochraceo-brunneis; sporis e globoso-muricatis, 4–5 diam., ferruginascentibus. - Totus 3–5 cent. altus; pileus 4–6 cent. latus, $^3/_4$ cent. crassus; stipes $^1/_2$–1 cent. crassus.

Hab. in sylva *Montello*, Oct. 1876, frequens.

Obs. A speciebus mihi notis probe distinctum. Cum *Hydno velutino* Fr., *H. ferrugineo* Fr., *H. spadiceo* Pers. nonnullis notis convenit sed cæterum differt.

20. **Hydnum** (Apus) **hirtum** Dmz. sec. Fr. Hymen. Eur. 612. - M. V. n. 829.

Hab. in truncis emortuis Carpini Betuli, Oct. 1875.

Obs. Cum brevi descriptione Friesii l. c. mihi tantum nota satis congruit. Habitus *Irpicis canescentis* vel *Daedaleæ unicoloris*. Pileus et aculei pallide ochracei; sporæ globoso-angulatæ, 3 diam., hyalinæ.

***Hydnum** (Apus) **pudorinum** Fr. Hymen. Eur. 612.

Hab. in truncis Carpini *a Selva,* Apr. 1877.

Obs. I. A præcedente vix pileo albo, aculeisque roseis (ex ætate?) recedit; ergo mera varietas.

Obs. II. In sequentibus Hydni speciebus sporas examinare contigit.

Hydnum imbricatum L. - M. V. n. 823 - Sporæ e globoso acutangulæ, 5–6 $^1/_2$ diam., ochraceæ, nec ut habet Fckl. Symb. p. 25.

Hydnum repandum L. - M. V. n. 824 - Sporæ globosæ vel leniter angulosæ, 6–8 diam., hyalinæ.

Hydnum cinereum Bull. - M. V. n. 825 - Sporæ globulosæ, obsolete muriculatæ, 2 1/2–3 1/2 diam., hyalinæ, ferruginascentes.

Hydnum zonatum Batsch. - M. V. n. 826 - Sporæ globulosæ, conspicue muriculatæ, 3 3/4 - 4 diam., hyalino-ferruginascentes.

Hydnum Erinaceus Bull. - M. V. n. 827, ubi ex errore typ. « imbricatum » - Sporæ globulosæ, læves, 5 1/2 - 6 diam., quandoque subovoideæ, 1-nucleatæ, hyalinæ.

Hydnum Auriscalpium L. - M. V. n. 828 - Sporæ globosæ vel subglobosæ, 4 ✶ 4–5., nubilosæ, hyalinæ.

21. **Hydnum** (Resupinatum) **diaphanum** Schrad. - v. *muscicola* (Pers.) Fr. Hymen. Europ. 616.

Hab. in sphagnis putrescentibus in calidariis Horti Patavini, Febr. 1876.

22. **Craterellus cornucopioides** (L.) Pers. - Sacc. Myc. Ven. 61 - var. *flavicans:* hymenio lævissimo pulchre flavicante.

Hab. in sylva *Montello*, rarius, Oct. 1876.

23. **Stereum** (Merisma) **tabacinum** (Pers. ampl.) Fr. Hym. Eur. 641. *Hymenochæte tabacina* Lév., Thüm. Myc. Univ. n. 211[b] (vix 211[a]).

Hab. in ramulis emortuis Cytisi nigricantis et Rubi in sylva *Montello*, autumno.

24. **Corticium** (Coniophora) **aridum** Fr. Hymen. Eur. 658 - var. *pusilla*: adnata, suborbicularis, minutissima, tenuiter membranacea, alba lutescenti-pulverulenta, margine byssino, albicante; sporis e rotundo angulosis, 3 1/2–4 diam., subochraceis - *Hypochnus lacteus* Bon. Hndb. fig. 259 accedere videtur.

Hab. in corticibus pineis *a Selva*, Aug. 1875, raro.

25. **Corticium** (Coniophora) **puteanum** (Schum.) Fr. p. p. - Sacc. M. V. n. 799. ***non*** Fungi Veneti ser. V. 165. ***Telephora puteana*** Fr. Elench. I. 194 exclusa var. ***cellaris***, quae distincta species. Cfr. seq.

Hab. in trunco putri fagineo Patavii, Ian. 1876 (G. Bizzozero).

Obs. Sporæ oblongæ, deorsum acutatæ, 6–7 ✶ 3, dilute olivaceæ.

26. **Corticium** (Coniophora) **cellare** (Pers.) Sacc. – *Cort. puteanum* Cooke Fungi Brit. ed. II. n. 11., Sacc. Fungi Veneti Ser. V. 165, *non* Schum.

27. **Corticium** (Himantia) **roseum** Pers. – M. V. n. 800 Kx. Fland. II. 265.

Hab. In ligno putrescente Iuglandis regiæ, Febr. 1876.

Obs. Sporophora filiformia; sporæ acrogenæ, oblongae, 6-7 ✶ 3, deorsum acutatæ, apice rotundatæ, guttulatæ, hyalinæ – Huic simillimus est *Hypochnus anthochrous* Fckl. F. rh. n. 2612 et Symb. App. II. 82, an Pers.

28. **Corticium** (Hypochnus) **epiphyllum** (Pers.) Sacc. – *Athelia epiphylla* Pers. – *Hypochnus epiphyllus* Wallr. – var. *candidum:* tenuiter membranaceum, byssinum, niveum; hyphis ramoso-anastomosantibus, remote septatis, hyalinis, apice in basidia clavata desinentibus; basidiis sporas singulas vel binas, ovoideas, 8 ✶ 5, sterigmatibus brevissimis fultas, hyalinas gerentibus.

Hab. in foliis Plantaginis et Muscorum nondum emortuis, quæ obducit *a Conegliano,* Oct. 1876 (C. Spegazzini) – *Sporotrichum Pellicula* Lk., *Athelia Pellicula* Chev. et *Corticium arachnoideum* Bertk. huic affinia videntur.

29. **Clavaria** (Ramaria) **flaccida** Fr. Hymen. Eur. 671 – M. V. n. 796 – Rabh. Fungi eur. n. 1821.

Hab. in radicibus Rhois radicantis in Horto botanico Patavino, Decembre 1875 (G. Bizzozero).

Gasteromyceteæ *Fr.*

30. **Caldesiella** Sacc. nov. gen. *) Peridia ex subiculo membranaceo, persistente, villosulo oriunda, gregaria, minutissima, ampulliformia, tegumento tenuissimo indistincte

*) Novum genus eximio botanico et amico optimo Ludovico Caldesi faventino dicatum.

cellulari, sporis globosis, muriculatis, floccis parcis adnatis fœta.

Obs. Genus anceps a Myxomycetibus, cum quibus nonnihil convenit, ob defectum plasmodii (suadente quoque cl. J. de Rostafinski) maxime recedit; fructificatione Lycoperdaceis accedit, a quibus tamen vegetatione, subiculo, exiguitate desciscit.

Caldesiella italica Sacc. nov. spec. Peridiis fuscis glauco-furfuraceis, apice obscuriore, ex ovato phialiformibus, collo breviusculo cylindraceo, apice rotundato clauso, quandoque e mutua pressione cylindraceis compressisque, erectis, 1–1¹/₄ mill. altis, ¹/₂–³/₄ mill. crassis, dense gregariis, sporis omnino refertis; subiculi cinnamomei hyphis filiformibus, repetito dichotomis hinc inde nodulosis septatisque, 7 micr. diam.; sporis globosis 7¹/₂–8¹/₂ diam., initio e mutua pressione angulosis, aquose ferrugineis, undique hyalino-muriculatis, sæpe nucleatis, apici v. lateri floccorum hyalinorum adnatis.

Hab. ad terram umbrosam in Horto botanico Patavino, autumno 1873 (G. Bizzozero).

31. **Geaster fornicatus** (Huds.) Fr., Sacc. Mycol. Ven. 71.

Obs. Huc spectat *G. marginatus* Vitt. sec. specimina originalia, sed dubito an satis differat; certe *G. fornicatus* in Rabh. *F. E.* n. 2013 et in Thuem. *Mycoth. Univ.* n. 526 vix statura paulo majore a speciminibus *G. marginati* Vittadinianis recedit.

Hypodermeæ *de Bary*

32. **Ustilago utriculosa** (Cda) Tul. – Sacc. M. V. n. 838 – *Uredo utriculosa* Cda Anl. t. B. f. 3:3,4.

Hab. in ovariis Polygoni Hydropiperis *a Selva,* Nov. 1876.

Obs. Ab *Ust. Candollei* Tul. quacum, sec. Fckl., in *Myc. Ven.* p. 73 conjunxi, distinctissima est. *Ust. Candollei* vera apud nos præcipue in Polygono miti occurrit, nec raro.

33. **Ustilago Rabenhorstiana** J. Kühn in Hedw. 1876 p. 4 et in Rabenh. F. E. Cent. 21! – Huc pertinet

Ust. destruens var. *Digitariæ* Sacc. *Fungi Veneti novi* Ser. V. 167.

34. **Tilletia striæformis** (West.) Niessl in Hedw. 1876 p. 1. – *Uredo striæformis* West. Bull. Act. Brux. 1851. p. 406 – *Tilletia de Baryana* Fisch. Waldh. in Rbh. F. E. n. 1097.

Hab. in foliis Holci lanati *a Selva*, rarius Sept. 1876.

35. **Urocystis Anemones** (Pers.) Rabh. – f. *Ranunculi bulbosi* Sacc. M. V. n. 841 – *U. pompholygodes* (Schl.) Rabh., Sacc. Mycol. Ven. 74.

Hab. in caule Ranunculi bulbosi *a Padova*, Majo 1876 (G. Bizzozero).

36. **Uromyces Phyteumatum** (DC.) Lév., Schröt. Brandp. p. 11.

Hab. in foliis vivis Phyteumatum in montanis Veronensibus, æstate 1875 (Prof. A. Goiran).

Obs. Teleutosporæ obovatæ, obtusæ, 30–35 ✶ 20, tunica apice crassa, læves, cinnamomeæ, hyalino-stipitatæ.

37. **Uromyces scutellatus** (Pers.) Lév. – Sacc. M. V. n. 441 et Fungi Veneti Ser. V. 171 – Sec. cl. Körnicke in litt. 16 Dec. 1876 hæc est nova species ab ipso *U. laevis* nuncupata. Cfr. Hedw. 1877 p. 38. Eamdem habui *Verona* (Goiran), *Conegliano,* in Euphorbia dulci (Spegazzini).

38. **Uromyces tuberculatus** Fckl. – *U. scutellatus* Sacc. Mycol. Ven. p. 87 p. p. et Nuove Ruggini 14 fig. 16., nec Pers.

Hab. in foliis Euphorbiæ Cyparissiæ *a Bassano* (Montini), *Conegliano* (Spegazzini), *Verona* (Goiran) æstate 1873-75.

39. **Puccinia Cerasi** Cda – Sacc. Myc. Ven. n. 49 – f. *Persicæ vulgaris.*

Hab. in pagina inferiore foliorum ejusdem *a Conegliano,* aest. 1876 (Spegazzini).

40. **Puccinia Anemones** Pers. – Sacc. Myc. Ven. p. 79 – f. *A. trifoliæ.*

Hab. in ejusdem foliis *Veronæ,* æstate 1875 (Goiran).

41. **Puccinia Tanaceti** DC. — M. V. n. 459-464 - f. *Carlinæ vulgaris.*

Hab. in foliis Carlinæ vulgaris *a Conegliano,* Oct. 1876 (Spegazzini).

42. **Puccinia Valerianæ** Carest. et Ces. Erb. critt. ital. Ser. I. n. 500. - M. V. n. 876.

Hab. in foliis languidis Valerianæ officinalis in sylva *Montello,* Oct. 1876, stat. teleutosp. rarius.

Obs. Ad hujus statum uredosp. spectat *Uredo Valerianæ* Desm., nec homonymon DC., quod ad *Uromycetem Valerianæ* (DC.) Fckl. - M. V. n. 435 - pertinet.

43. **Puccinia Prunorum** Lk. f. *Pruni Armeniacæ* Duby - M. V. n. 856 (st. uredosp.) et n. 857 (st. teleut.)

Hab. ejusdem foliis *a Selva,* Aug.-Nov. 1876.

Obs. Ad statum uredineum *P. Prunorum* spectat, ut opinor, *Uredo Prunastri* DC., *U. Castagnei* Mtgn., *Uromyces Prunorum* Fckl.

44. **Puccinia Chamædryos** Ces. in Kl. Herb. myc. n. 1991.

Hab. in foliis Teucrii Chamædryos, *a Conegliano,* æst. 1876, stat. teleutosp. (Spegazzini).

45. **Puccinia Aristolochiarum** Cda f. *A. pallidæ.*

Hab. In ejusdem foliis *a Conegliano,* rarius Oct. 1876 (Spegazzini).

46. **Puccinia Magnusiana** Kcke in Hedw. 1876 p. 179 - M. V. n. 849 - *P. striola* Pass. in Rabh. F. E. n. 2164 - *P. arundinacea, var.* M. V. n. 381.

Hab. in foliis vaginisque Phragmitis communis *a Padova,* Apr. 1876.

47. **Puccinia Luzulæ** Lib. - M. V. n. 854.

Hab. in foliis Luzulæ pilosæ in sylva *Montello,* Oct. 1876, rarissime, teleut. et uredosp.

Obs. Uredosporæ basidiis elongatis vage ramulosis suffultæ, obovatæ, 30-35 ∗ 18, læves, flavæ.

48. **Puccinia Salviæ glutinosæ** Ces.

Obs. I. Duas formas rite distinctas edidi in M. V. Sub n. 130 et 864 adest forma quæ cum *P. pallida* Bagnis «Le Puccinie» pag. 56 congruit. Altera sub n. 863,

in caule, congruit cum *P. hyalopode* Bagnis l. c. p. 50.

Obs. II. Herculeum clariss. C. Bagnisii opus *de Pucciniis* *) totam hucusque adhibitam specierum delimitationem mutat ingentemque specierum Pucciniæ numerum ad perpaucas decinas (51 species) reducit, quum tantum forma, colore et magnitudine sporarum, saepissime conformium, (uti clare evincitur ex optimis iconibus ab ipso auctore delineatis) innitatur. Et multa sane corrigenda aderant! Dolendum tamen quod clar. Bagnis metagenesim indubiam Hypodermearum omnino negligens atque characteribus vegetationis nullum valorem v. constantiam tribuens, multa forte, quæ natura separavit, commiscuerit. Cur potius viam ab ill. Tulasne, de Bary, Fuckel, et præcipue Schröter (*Brand - und Rostpilze Schlesiens* 1869) patefactam, correctis corrigendis, non sequutus est cl. Bagnis?

49. **Phragmidium microsorum** Sacc. M. V. n. 848. Cæspitulis minutis gregariis hypophyllis; teleutosporis oblongis cylindraceisve, 70-90 ⁎ 25-28, 3-4-septatis, superne asperulis, vertice mucronatis, fusco-cinnamomeis, stipitibus obclavatis teleutosporas subaequantibus; uredosporis globosis muriculatis, flavis; cystidiis intermixtis uncinatis hyalinis.

Hab. in foliorum Rubi cæsii pag. inf. in sylva *Montello,* Sept. 1876.

Obs. Inter *Phragm. asperum* et *Phragm. bulbosum* medium! - *Phragmidium Tormentillæ* Fckl., statu teleutosp. legi in sylva *Montello* Sept. 1876 et edidi in M. V. n. 846.

50. **Coleosporium Rhinanthacearum** (DC.) Lév. f. *Rhinanthi minoris.*

Hab. in ejusdem foliis *a Conegliano,* Oct. 1876, raro (Spegazzini).

51. **Coleosporium Senecionum** (Rabh.) Fckl. f. *Senecionis Doronici.*

*) Le Puccinie, Memoria di C. Bagnis, Roma 1876 (Atti della R. Accademia dei Lincei) 1 vol. 4°, con 13 tav. col.

Hab. in ejusdem foliis in *M. Baldo,* Aug. 1876 (GOIRAN).

52. **Coleosporium Petasitis** (DC.) d. By. f. *Petasitis nivei.*
Hab. in ejusdem foliis in montibus *Lessini,* Nov. 1876 (GOIRAN).

53. **Cronartium Pæoniæ** Cast. – M. V. n. 878 – C. *asclepiadeum* var. *Pæoniæ* Lév., Kx Flandr. II. 34.
Hab. in pag. inf. foliorum Pæoniæ officinalis *a Conegliano* Oct. 1876. (SPEGAZZINI).

54. **Uredo gyrosa** Rebent. – Huc spectat *U. Ruborum* var. *epiphylla* Sacc. Mycoth. Ven. n. 118. Cfr. Fischer in Rabh. F. E. n. 2186 (*Epitea gyrosa* – *Lecythea gyrosa* Lév., Cooke F. B. ed. II. n. 68 – *Uredo gyrosa* R., Fckl. F. rh. n. 2622.

55. **Uredo Quercus** Brond. – M. V. n. 880 – Vize F. B. n. 58 – Cooke F. B. ed. II. n. 76 – Kx Flandr. II. 88.
Hab. in pag. inf. foliorum viventium Quercus pedunculatæ in sylva *Montello,* Aug. 1876.
Obs. Verisimiliter status uredineus *Melampsoræ* ejusdam.

56. **Æcidium Behenis** DC. – M. V. n. 881 – St. hymen. *Uromycetis Behenis* Lév.
Hab. in foliis ramulisque Silenes inflatæ *a Selva, Conegliano, Padova,* Aut. 1876.

57. **Æcidium Taraxaci** Schm. et Kze – M. V. n. 882 – St. hymen. *Pucciniæ variabilis* Grev.
Hab. in foliis Taraxaci officinalis *a Selva,* Aug. 1876.

58. **Æcidium Scrophulariæ** DC. – f. *Rhinanthi majoris.*
Hab. in foliis ejusdem *a Conegliano,* Majo 1876, raro (SPEGAZZINI).

59. **Æcidiolum exanthematicum** Ung. – Thüm. F. Austr. n. 1200.
Hab. in foliis Euphorbiæ Cyparissiæ et E. dulcis *a Selva, Conegliano,* Aprili 1876-1877.

60. **Æcidiolum Tragopogonis** – St. spermog. *Æcidii Tragopogonis* Pers.

Hab. in foliis Trag. pratensis *a Conegliano,* æstate 1876 (Spegazzini).

Obs. Spermatia ovoidea, hyalina, 4 ✕ 3.

61. **Æcidiolum Convolvuli** Sacc. M. V. n. 885 – St. spermog. *Pucciniæ Convolvuli* Cast.

Hab. in foliis Calystegiæ sepium, Majo 1876, *a Padova.*

Obs. Æcidiolum non nisi folio luci objecto conspici potest. In iisdem foliis quotannis successive producuntur *Æcidiolum, Æcidium, Uredo* et tandem *Puccinia.*

62. **Æcidiolum Cirsii** (Lasch) Sacc. – *Sphæronema Cirsii* Lasch – St. spermog. *Pucciniæ obtegentis* Lk.

Hab. in foliis Cirsii arvensis *a Selva, Padova* æstate 1876.

Phycomyceteæ *de Bary*

63. **Peronospora alta** Fckl. – Schröt. Schles. Pilze II. 16.

Hab. in pagina inferiore foliorum Plantaginis majoris *a Selva* et *Conegliano,* Aut. 1876.

64. **Peronospora Chloræ** d. By – Rabh. F. E. n. 1590.

Hab. in caule, foliis, pedunculisque Chloræ perfoliatæ *a S. Martino* agri Veronens., Sept. 1876 (Goiran) – Cfr. Hedw. 1872. p. 181.

65. **Peronospora densa** Rabh. F. E. n. 795 – Schröt. Schles. Pilze II. 5.

Hab. in pag. inf. foliorum Rhinanthi minoris *a Conegliano,* æstate 1876 (Spegazzini).

66. **Peronospora Alsinearum** Caspari – Schröt. Schles. Pilze II. 10 – M. V. n. 793 (in Cerastio triviali).

Hab. in ejusdem foliis *a Padova,* Iunio 1876, et in foliis Stellariæ mediæ *a Conegliano,* æstate 1876 (Spegazzini).

67. **Cystopus Capparidis** d. By – Cfr. Ann. Lab. critt. *Pavia,* vol. I.

Hab. in foliis Capparidis rupestris *a Montorio* (Verona) æstate 1876 (Goiran).

68. **Hydrophora stercorea** Tode – Cooke Hndb. 1896 f. 302. an Fr.?

Hab. in stercore humano *a Vittorio,* Oct. 1875, socio *Coprotricho purpurascente* Bon.

Obs. Huic affinis est *Mucor racemosus* Fresen. Sporæ ovoideæ majusculæ, 15 × 6–7, granulosæ, hyalinæ, nec minimæ ut affert Fr. Syst. Mycol. III. 314.

69. **Mucor helicostylus** Sacc. (vix *Helicostylium elegans* Cda).

Hab. in stercore humano et felino *a Selva,* Oct. 1876.

Obs. Totus e hyalino flavicans; hyphæ fertiles continuæ, sursum circinatæ v. saltem curvæ, apice vesiculam 50-60 micr. diam. sporangio globoso flavo inclusam gerentes; sporæ ovato-oblongæ 18–20 × 10–12 raro –15, perfecte hyalinæ. – Sporangio lævi nec punctato, hyphisque apice vesiculosis ab *Helic. elegante* Cda Ic. V. f. 28 satis recedere videtur.

70. **Empusa Muscæ** (Fr.) Cohn – M. V. n. 1084 – *Sporendonema Muscæ* Fr. – *Entomophthora Muscæ* Fres. – Stat. imperfectus *Saprolegniæ feracis* Kütz.

Hab. in muscis domesticis, quas enecat, *a Padova,* Iulio 1876.

71. **Synchytrium Taraxaci** d. By et Woron, Cooke F. B. n. 46.

Hab. in foliis Taraxaci officinalis *a Conegliano,* Oct. 1876 (Spegazzini).

72. **Schinzia Alni** Woron. – Fckl. Symb. 74.

Hab. in radicibus Alni glutinosæ quæ gibboso-tuberculatæ fiunt, *a Selva, Padova,* per annum.

73. **Protomyces macularis** (Wallr.) Fckl. Symb. 75.

Hab. in foliis Alismatis Plantaginis *a Selva,* Sept. 1876, raro.

Obs. Sporae (sporangia?) in quaque foliorum cellula singulæ, initio hyalinæ, sphæricæ, 35 diam., dein subovoideæ, cinnamomeæ, nucleatæ.

74. **Protomyces reticulatus** Sacc. nov. spec. Dense gregarius, plagulas foliorum arescentes occupans, pustulasque punctiformes vix elevatas fuscidulas formans; sporangiis in quaque foliorum cellula singulis, sphæricis, 25 diam. eximie asperato-reticulatis, lutescenti-fuscidulis, monosporis; sporis sphæroideis, tunica crassius-

cula, 18–20 diam., sæpe 1–2-guttatis e hyalino dilutissime fumosis.

Hab. in foliis Orobi verni amphigenus, rarissime, *a Conegliano,* Majo 1876 (SPEGAZZINI).

75. **Protomyces Bizzozerianus** Sacc. nov. spec. Maculis amphigenis subcircularibus, arescendo helvolis crebre et minutissime punctulatis; sporis immersis in quaque foliorum cellula pluribus arctiuscule conglobatis, e sphærico ovoideis, 10 ⁎ 10–12, lævibus, farctis, rarius 2-guttatis, fumose hyalinis.

Hab. in foliis Sagittariæ sagittifoliæ, *a Padova,* Oct. 1876 (G. BIZZOZERO).

Obs. A *Prot. Sagittariæ* Fckl toto cœlo diversus.

76. **Protomyces xylogenus** Sacc. nov. spec. Acervulis endoxylis, dein (e ligni corruptione?) emergentibus, ($^3/_4$–1 mill. diam.), confluentibus, dilute ochraceis, pulverulentis; sporis magnis e globoso ovoideis, 40–50 ⁎ 40–50, raro usque 70 ⁎ 40, lævissimis, episporio crasso hyalino, nucleo granuloso flavo.

Hab. in ligno populeo prope *Mantuam,* Majo 1873 (Com. A. MAGNAGUTI-RONDININI).

Obs. Species optima, cum cellulis ligneis degeneratis (*Pseudo-protomyces* Gib.) ne comparanda quidem. A *Schinzia Alni* Woron. quoque diversissima.

Ascomycetæ *de Bary*

PYRENOMYCETEÆ *Fr.*

Erysipheæ Lév.

77. **Microsphæra Dubyi** Lév. – Kx Fl. crypt. Flandr. I. 379 – M. V. n. 891 – *Erysiphe abnormis* Duby p. p.

Hab. in foliis Loniceræ Caprifolii *a Selva, Vittorio,* Oct. 1875-1876.

78. **Microsphæra comata** (Lk.) Lév. – Kx. Fl. crypt. Flandr. I. 379. – M. V. n. 892. – *Erysiphe comata* Lk. – *E. Evonymi* DC.

Hab. in foliis Evonymi europæi *a Conegliano,* Oct. 1876 (SPEGAZZINI).

79. **Eurotium coriorum** Wallr. Fl. crypt. Germ. 331.

Hab. in corio putrescente udo *a Conegliano,* Oct. 1876 (Spegazzini).

Obs. Perithecia minutissima globosa citrina. Asci subglobosi, octospori; sporidiis e fronte subsphæricis, $4^1/_2$–$5^1/_2$ diam., lævibus, dilutissime flavidis, hyalinis. Vix ab *E. repente* d. By diversum.

Sphæriaceæ Fr. p. p., Ces. et D. Ntrs.

Sect. 1 Allantosporæ Sacc.

80. **Valsa** (Eutypa) **ludibunda** Sacc. M. V. n. 938–939 et 940 (*Cytispora* ejus) – *V. referciens* Sacc. Myc. Ven. 128 p. p. et M. V. n. 196–200–734 (formæ variæ) – *V. cerviculata* Erb. critt. ital. ser. II. 641, non Fr. – *Valsa lata* Sacc. Myc. Ven. 128 p. p. non Pers.

Hab. in ramis corticatis, in cortice duriore truncorum, immo, cortice secedente, in ligno denudato arborum fere omnium in toto agro Veneto, per annum.

Obs. Species maxime ludibunda: perithecia submonosticha, nunc subsparsa ad instar Cryptosphæriæ, nunc in ligni superficie denigrata, densissime stipata ut vera Eutypa, nunc in acervulos quasi Eutypellæ hinc inde aggregata, initio extus albo-furfuracea; stroma modo latum nigrumque, modo tenue et vix percipiendum: ostiola plerumque brevia, rarius vero longiuscula, non tamen exserta, vertice conoideo vel obtusato, modo profunde 4–5–sulcato, modo leviter rimoso, neutiquam levi, ut *V. lata* (Pers.). A *V. referciente* Nke Pyr. germ. 137 differt præcipue stromate in cortice interiore plerumque nigrolimitato, peritheciis extus albo-furfuraceis, monostichis, sed et hæc forte ejusdem speciei formam rariorem sistit – *Valsa leprosa* (P.) Nke Pyr. 136 et *V. confluens* Nke ib. 167 verisimiliter a *V. ludibunda* specifice non differunt. *V. leprosa* perfecte congruit cum

forma quam in M. V. n. 200 edidi. Sequentes formas sedulo observavi.

1. *Juglandis regiæ*, quaternariaeformis; corticola, acervulis parvis gregariis; ostiolis leviter 3–4–rimosis; ascis p. s. 55–60 * 8; sporidiis 11–15 * $2^1/_2$–3, luteolis.
2. *Aceris campestris* I (M. V. n. 200) ut n. 1.
3. *Aceris campestris* II: acervulis corticolis confluentibus; ost. obsolete rimosis; a. p. s. 40–42 * 6; sp. 11–13 * 2, luteolis.
4. *Aceris campestris* III: peritheciis ligno immersis v. semimmersis, stipatis, late effusis; ost. sulcatis; a. p. s. 50 * 5; sp. 9–10 * 2–$2^1/_2$.
5. *Aceris campestris* IV: peritheciis ligno immersis v. semimmersis, in series longitudinales parallele stipatis; ost. obsolete rimosis; a. p. s. 55–60 * 8; sp. 11–14 * $2^1/_2$–3.
6. *Berberidis vulgaris*: nunc acerv. regular. valseis cortical., nunc ligno semimm. elongatis; ostiol. distincte 4–sulcatis; a. p. s. 40–50 * 6–7; sp. 10 * 2–$2^1/_2$ luteolis.
7. *Æsculi rubræ*: acerv. vals. subregul. cortic.; ost. leviter 3–5–rimosis; a. p. s. 50–55 * 7; sp. 12–14 * $2^1/_2$–3, luteolis.
8. *Salicis vitellinæ*: acerv. vals. regul. cortic.; ost. 3–5 rimosis; a. p. s. 40–45 * $5^1/_2$–$6^1/_2$; sp. 9–11 * 2–$2^1/_4$ luteolis.
9. *Ulmi campestris* I: acerv. vals. confluent. cortic.; ost. obsolete 2–4–rimosis; a. p. s. 50–55 * 8; sp. 12–14 * 2–3 lutescentibus.
10. *Ulmi campestris* II: perfecte ut n. 1.
11. *Ulmi campestris* III: peritheciis ligno semimmersis, stipatis, late diffusis; ost. obsolete 2–4–rimosis; a. p. s. 40–45 * 5–6; sp. 8–10 * $1^3/_4$–2.
12. *Albizziæ Julibrissin*: acervul. parvis vals. regul. cortic. vel elongatis ligno semimm.; ost. parvis 2–4 leviter rimos.; a. p. s. 45–50 * 6; sp. 8–10 * $2^1/_2$ luteolis.
13. *Platani orientalis* (M. V. n. 199): acerv. vals. cortic. subregul. v. elongatis confluent. ligno immers.;

ostiol. leviter 2–3–sulc.; a. p. s. 50 * 8; sp. 12–13 * $2^{1}/_{2}$–3 luteolis.

14. *Robiniæ Pseudacaciæ* I. (M. V. n. 939): acerv. vals. regul. v. confluent. cortic.; ost. nitid. leviter 2–4–sulcat.; a. p. s. 50 * 7; sp. 8–10 * $2^{1}/_{2}$ lutesc.

15. *Robiniæ Pseudacaciæ* II. (M. V. n. 196): perith. ligno superficie nigrificato immersis v. semiimm. stipat., extensis; ost. leviter sulcatis; a. p. s. 50 * 6; sp. 8–11 * 2.

16. *Broussonetiæ papyriferæ* (M. V. 198). Adsunt duæ formæ similes n. 14 et 15. In utraque a. p. s. 40 * 6–7; sp. 9–10 * $1^{3}/_{4}$–2 pallide lutescentes.

17. *Mori albæ* (M. V. n. 197) ut n. 16: asc. p. s. 40–45 * 5–$6^{1}/_{2}$; sp. 9–11 * 2–$2^{1}/_{4}$.

18. *Pruni domesticæ*: acerv. cort. vals.; ost. 2–4–sulcat.; a. p. s. 35–40 * 7; sp. 12–14 * $2^{1}/_{2}$–3 luteol.

19. *Populi nigræ* (M. V. n. 938); acerv. vals. cortic. subregul. v. confluent.; ost. 2–4–sulc.; a. p. s. 40 * $6^{1}/_{2}$–7; sp. 8–10 * $1^{3}/_{4}$–2 luteol.

20. *Sophoræ japonicæ*: acerv. vals. cortic. prominul. subregul.; ost. 2–4–sulcat.; a. p. s. 50 * 6; sp. 10–12 * 2–$2^{1}/_{2}$, pallide lutesc.

21. *Gleditschiæ Triacanthi*: acerv. vals. cortic. subregul. protuberant.; ost. 2–4–sulc.; a. p. s. 35–40 * 6; sp. 12 * 2–$2^{1}/_{2}$ luteol.

22. *Fraxini Orni*: acerv. cortic. vals. regul.; ostiol. 2–4 sulc.; a. p. s. 40–45 * 6; sp. 10–11 * 2–$2^{1}/_{4}$ luteol.

23. *Sterculiæ platanifoliæ*: acerv. cortic. vals. confluent. vel extensis, ligno semiimmersis; a. p. s. 42 * 6; sp. 9–10 * 2–$2^{1}/_{4}$ luteolis.

24. *Citri Limonii*: acerv. cort. vals. confl. v. ligno semiimm. extensis; ost. leviter 2–4–sulc.; a. p. s. 50–52 * 6–$6^{1}/_{2}$; sp. 10–11 * 2–$2^{1}/_{4}$ luteolis.

25. *Aceris Negundinis*: acerv. confl. cort.; ost. leviter 2–4–sulc.; a. p. s. 45–50 * 6–7; sp. 8–10 * $1^{1}/_{2}$–$2^{1}/_{2}$ pallid. lutesc.

26. *Sambuci nigræ*: acerv. cortic. vals. discretis; ost. 2–4–sulcatis; a. p. s. 45 * 7; sp. 12–13 * $2^{1}/_{2}$–3 lutesc.

27. *Cydoniæ vulgaris*: acerv. cortic. vals. discretis; ost.

2–4–exaratis; a. p. s. 40–50 * 6–7; sp. 11–12 * $2^{1}/_{2}$ luteolis.

28. *Cratægi Oxyacanthæ*: acerv. cortic. vals. discret. v. confluent.; ost. 2–4–exaratis; a. p. s. 50 * 8; sp. 12–13 * 2–$2^{1}/_{2}$ luteol.

29. *Corni sanguineæ*: acerv. cortic. vals. discret.; ost. 2–3–sulc.; a. p. s. 40–45 * 6–7; sp. 10–12 * 2–$2^{1}/_{4}$, luteol.

30. *Evonymi europæi*: acerv. cortic. vals. discret. vel extensis, ligno semiimmersis; ost. 2–3–sulc.; a. p. s. 50 * $7^{1}/_{2}$–8; sp. 11–14 * 2–$2^{1}/_{2}$, luteol.

31. *Cytisi Laburni*: acervul. cortic. vals. discret. v. confluent. extensis; ost. 2–4–sulcat. nitid.; a. p. s. 40 * 8; sp. 9–12 * 3 luteol.

32. *Pruni spinosæ*: acerv. cortic. vals. discret.; ost. 2–4–sulcatis; a. p. s. 55 * 10; sp. 12–14 * 2–3 luteol.

33. *Castaneæ vescæ* ut n. 15.

34. *Chimonanthi fragrantis* ut n. 28.

35. *Celtidis australis*: acervulis cortic. vals. confluent.; ost. 3–4–exaratis; a. p. s. 35 * 7; sp. 8–12 * $2^{1}/_{2}$–$3^{1}/_{2}$ luteol.

36. *Carpini Betuli* (M. V. n. 734) ut n. 15.

37. *Artemisiæ camphoratæ*: ut. n. 49.

38. *Vitis viniferæ*: acerv. cortic. vals. bullato-prominulis; ostiol. 3–4–exarat.; a. p. s. 35–40 * 7–8; sp. 8–12 * 2–3 luteol.

Ab hac eadem protea specie forte specifice non differunt meæ *V. Ailanthi* et *V. arundinacea*.

81. **Valsa** (Eutypa) **aneirina** (Somm.) Sacc. M. V. n. 735 – *Sphæria aneirina* Somm. Lapp. 208 – *Diatrype aneirina* Fr. – Erb. critt. ital. ser. II n. 144.

Hab. in cortice Populi nigræ *a Vittorio*, Oct. 1875.

Obs. Pluribus notis cum *Valsa* (Cryptosphæria) *millepunctata* Grev. congruit. Hanc genuinam legi *a Selva* in ramis corticatis Populi nigræ.

82. **Valsa** (Eutypa) **leucostroma** Mtgn. Syll. 219. – M. V. n. 736.

Hab. in sarmentis emortuis Smilacis Alpini in Horto botanico Patavino, Apr. 1876.

Obs. Acervuli corticales, prominuli, epidermide a disco pertusa cincti, quandoque confluentes, macula stromatica nigra inter acervulos varie diffusa; ostiola rotundata lævia; asci clavati, longe stipitati, p. s. 35–40 * 7–8, 8spori; sporidia disticha, 9–11 * 2–$2^{3}/_{4}$, botuliformia, luteola, 2guttulata.

83. **Valsa** (Eutypa) **heteracantha** Sacc. Myc. Ven. 129, t. XIV f. 35–42. Legi, præter matrices l. c. et in F. V. ser. IV p. 15 indicatas, in ramis Coronillæ Emeri, Clematidis Vitalbæ, Evonymi europæi, Tiliæ europeæ, Hederæ Helicis, Smilacis Alpini. Statum ejus macroconidicum sub nomine Graphii fasciculati (M. V. n. 738) inter fungos inferiores describam.

84. **Valsa** (Euvalsa) **ceratophora** Tul. – Sacc. Myc. Ven. 133. Præterquam in Quercu et Castanea, legi quoque in ramis *Rhois glabræ* (M. V. n. 937 – a. 40 * 6; sp. 8–11 * $1^{3}/_{4}$–2) – *Coryli Avellanæ* (a. 38–40 * 5; sp. 8–10 * $1^{1}/_{2}$–2, hyalina) – *Fraxini Orni* (a. 30–35 * 5; sp. 8–10 * 1) – *Mori albæ* (a. 35 * 5; sp. 10 * 1–$1^{1}/_{4}$) – *Ulmi campestris* (a. 38 * 4–5; sp. 10 * 1) – *Carpini Betuli, Pruni domesticæ, Aceris campestris, Alni glutinosæ, Photiniæ glabræ, Persicæ vulgaris,* formas inter se parum diversas – Verisimiliter hæc species est typus a quo plurimæ species originem ducunt, e. g. *V. Verrucula* Nke, *V. Vitis* Fckl., *V. fallax* Nke, *V. Rubi* Fckl., *V. Rosarum* DNtrs, *V. Schweinizii* Nke etc.

85. **Valsa** (Euvalsa) **Vitis** Fckl. – Sacc. Myc. Ven. 133 t. XIII f. 19–21 – M. V. n. 186 – Secundum cl. Cooke in *Grevillea* 1877 p. 125, hæc non est *Sphæria Vitis* Schweiniz Syn. Fung. Carol. sed nova species, cui *Valsæ vitigeræ* nomen tribuit. Ad quod observandum est illustrem Nitschke (Cfr. Pyr. Germ. 191) duo specimina originalia Schweinizii observavisse, cum specie Fuckelii perfecte convenientia. An igitur Schweiniz duas species uno nomine confudit? Ceterum et ipse legi (*a Selva,* Sept. 1875) in ramis Vitis Valsæ speciem acervulis bullato-pustulatis, ostiolis sul-

catis etc. (quæ notæ veram *V. Vitis* Schw. spectant ex Cooke), sed hanc sub maxime protea *Valsa ludibunda* mea locandam esse puto (Vid. p. 18 n. *38*).

86. **Valsa** (Euvalsa) **Schweinizii** Nke Pyr. germ. 191 – *Sphæria corniculata α salicina* A. S. Nisk. 20.

Hab. in ramis corticatis Salicis Capreæ *a Conegliano*, Decem. 1876 (Spegazzini).

Obs. Asci oblongo-clavati, $35 * 6-6^1/_2$, 8spori; sporidia disticha botuliformia, $10-12 * 1^1/_2-2$, hyalina. Affinis *Valsæ Verruculæ* Nke.

87. **Valsa** (Euvalsa) **coacta** Sacc. et Speg. Peritheciis in acervulos minutos vix elevatos, cortice interiore hinc inde nidulantes, monostiche aggregatis, globoso-depressis, ostiolis cylindraceis vertice rotundato lævique pertusis, convergentibus, disco minuto nigro, subcirculari (diam. vix $^1/_2$ mill.) periderma circum circa arcte adhærens perforante, vix exserto; ascis clavatis $30-35 * 5$, sessilibus, aparaphysatis, 8sporis; sporidiis irregulariter distichis, botuliformibus, curvulis, $8-10 * 2-2^1/_4$, hyalinis.

Hab. in ramis corticatis Fici Caricæ *a Susigana*, Nov. 1876 (Spegazzini).

Obs. Cum *Valsa sycina* Mtgn. Syll. 221 (quæ forte forma *Valsæ ceratophoræ* Sacc.) nullum commune habet. A *Valsa ceratophora* Tul., cui affinior, disco minuto non exserto arcte cincto, pustulis non prominulis recedit.

88. **Valsa** (Euvalsa) **Spegazziniana** Sacc. M. V. n. 749. Peritheciis hinc inde monostiche aggregatis, cortice nidulantibus epidermidemque pustulatim elevantibus, globulosis, atris; collis elongatis convergentibus in ostiola rotundata disculum subcirculare vix exsertum efficientia, desinentibus; ascis fusoideis, $40-50 * 7-8$, aparaphysatis, octosporis; sporidiis distichis, botuliformibus, $10-13 * 1^1/_2 -2$, 2-guttulatis, perfecte hyalinis – Peritheciorum contextus laxe cellulosus, olivaceo-fuscus.

Hab. in ramis corticatis Evonymi europæi *a Conegliano*, Febr. 1876 (Spegazzini).

89. **Valsa** (Euvalsa) **affinis** Nke. Fckl. Symb. myc. 199.
Hab. in ramulis Coryli Avellanæ *a Conegliano* Nov. 1876 (SPEGAZZINI).
Obs. Asci oblongo-clavati, 18–22 ∗ 6, octospori; sporidia botuliformia, minutissima, 5–6 ∗ $1^1/_2$, 2-guttulata, hyalina – A *Valsa Fuckelii* Nke, cui affinis, ascis sporidiisque conspicue minoribus recedit.

90. **Cryptovalsa Rabenhorstii** (Nke) Sacc. Myc. Ven. 135 t. XIV f. 17–20 (sensu ampl.). Sequentes formas, inter se nulla nota essentiali recedentes, observavi:

1. *Cratægi Oxyacanthæ*, corticola; asc. p. s. 80–90 ∗ 15; sp. 14–15 ∗ $3^1/_3$–4, olivac.
2. *Tamaricis gallicæ*, corticola; a. p. s. 80 ∗ 14; sp. 14 ∗ $3^1/_2$, oliv.
3. *Coryli Avellanæ*, corticola; a. p. s. 80 ∗ 15; sp. 13–14 ∗ 3, flav.
4. *Rhois radicantis* corticola; a. p. s. 70–80 ∗ 12; sp. 12–14 ∗ 3, lutesc.
5. *Ulmi campestris*, corticola; a. p. s. 70–80 ∗ 15; sp. 15–16 ∗ 3–$3^1/_2$, lutesc.
6. *Vitis viniferæ*, corticola; a. p. s. 80 ∗ 14; sp. 14 ∗ 3, oliv.
7. *Rhamni Frangulæ*, corticola; a. p. s. 75 ∗ 15; sp. 15–17 ∗ $3^1/_2$, lutesc.
8. *Fagi sylvaticæ*, corticola; a. p. s. 80 ∗ 14; sp. 15 ∗ 3, lutesc.
9. *Corni sanguineæ*, corticola; a. p. s. 70 ∗ 14: sp. 14–15 ∗ $3^1/_2$, lutesc.
10. *Carpini Betuli*, corticola; a. p. s. 70–80 ∗ 15; sp. 15–16 ∗ 3, lutesc.
11. *Berberidis vulgaris*, corticola; a. p. s. 80 ∗ 14–15; sp. 15 ∗ 3–$3^1/_2$, lutesc.
12. *Ailanthi glandulosæ*, corticola; a. p. s. 90 ∗ 18; sp. 15–16 ∗ $3^1/_2$–4, oliv.
13. *Pruni spinosæ*, corticola; a. p. s. 70 ∗ 18; sp. 14–16 ∗ $3^1/_2$–4, oliv.
14. *Mori albæ*, corticola; a. p. s. 60–70 ∗ 14; sp. 14–16 ∗ 3–$3^1/_2$, oliv.

15. *Robiniæ Pseudacaciæ*, corticola; a. p. s. 70–80 * 15; sp. 15–16 * 3, oliv.
16. *Salicis vitellinæ*, corticola; a. p. s. 70–80 * 15; sp. 15–18 * 3–3$^1/_2$, oliv.
17. *Rosæ caninæ*, corticola; a. p. s. 90 * 12–14; sp. 13–14 * 3$^1/_2$, oliv.
18. *Populi angulatæ*, corticola; a. p. s. 80–90 * 15; sp. 15 * 3$^1/_2$, oliv.
19. *Ribis rubri*, corticola; a. p. s. 90 * 8; sp. 15 * 3$^1/_2$, oliv.
20. *Rhois glabræ*, corticola; a. p. s. 80–90 * 15; sp. 14–16 * 3$^1/_2$–4, oliv.
21. *Fici Caricæ*, ligno immersa; a. p. s. 75 * 15; sp. 15 18 * 3$^1/_2$, oliv.
22. *Celtidis australis*, ligno immersa sed et corticola; a. p. s. 100 * 15–18; sp. 14–15 * 3$^1/_2$–4 olivacea.

Obs. In his omnibus formis perithecia globosa, intus, nitida, diam. $^3/_4$ mill., nunc subsolitaria, nunc Valsæ vel Eutypæ ad instar acervata, nunc seriatim disposita, modo corticolæ, modo ligni basi insculpta, modo (sed multo rarius) omnino ligno immersa. Stroma nigrescens inter perithecia excurrens plus minus manifestum. Ostiola vertice rotundata, pertusa, lævia v. rugulosa, numquam vere sulcata. Ad formam 10 spectat verisimiliter *Sph. depressa* Mtgn. Syll. 232., Ces. DNtrs Schema. 203. Et ad formam 21 pertinet, ni fallor, *Sphæria elevata* Bk. Curr. Linn. Trans. XXII t. 47 fig. 109 = *Eutypa elevata* Berk., Cooke Hndb. 801. Typus speciei est n. 15 (Cfr. Sacc. Myc. Ven. 135) – *Cr. Pruni* Fckl. Symb. App. I. 33. spectat sine dubio ad nostram formam n. 13, nec forte tute distinguenda est mea *Cr. arundinacea* M. V. n. 210 et F. V. Ser. IV p. 17.

91. **Cryptovalsa Nitschkii** Fckl. Symb. Myc. 212 (sensu ampl.) – Sacc. Mycol. Ven. 134, t. XIV. f. 14–16. Sequentes formas examinavi.

1. *Cratægi Oxyacanthæ*: a p. s. 90–100 * 10; sp. 10–11 * 2, lutesc.
2. *Coryli Avellanæ*: a, p. s. 80–90 * 7–8; sp. 9–11 * 1$^3/_4$–2, lutesc.

3. *Ligustri vulgaris*: a. p, s. 60–65 ✱ 8; sp. 10 ✱ 2, luteol.
4. *Iuglandis regiæ*: a. p. s. 80 ✱ 10; sp. 10 ✱ $1^1/_2$–2, luteol.
5. *Carpini Betuli* (M. V. n. 209): a. p. s. 80–90 ✱ $8^1/_2$–9; sp. 10–11 ✱ 2, luteol.
6. *Ulmi campestris*: a. p. s. 70–75 ✱ 9; sp. 10 ✱ 2, lutesc. oliv.
7. *Quercus pedunculatæ*: a. p. s. 60 ✱ 8–10; sp. 9–11 ✱ 2, oliv.
8. *Paliuri aculeati*: a. p. s. 50–60 ✱ 10; sp. 10–12 ✱ 2, oliv.
9. *Salicis vitellinæ*: a. p. s. 75–85 ✱ 10; sp. 9–10 ✱ $1^1/_2$–2 lutesc.
10. *Salicis purpureæ*: a. p. s. 75–80 ✱ 9–10; sp. 10–12 ✱ $2^1/_2$, oliv.
11. *Ampelopsidis hederaceæ*: a. p. s. 80 ✱ 8–9; sp. 9–10 ✱ 2–$2^1/_4$, oliv.
12. *Castaneæ vescæ*: a. p. s. 70–80 ✱ 8–9; sp. 10 ✱ $1^3/_4$ 2, oliv.
13. *Fraxini Orni*: a. p. s. 70 ✱ 7–8; sp. 10 ✱ $1^1/_2$–2 lutesc.

Obs. Omnes hæ formæ sistunt speciem unicam, æque ac præcedentem, variabilem. Ab hac præsens præcipue differt peritheciis constanter minoribus (diam. $^1/_3$–$^1/_2$ mill.), ascis sporidiisque dimidio angustioribus.

An a præsenti specie rite separandæ sint *C. protracta* (Nke), *C. ampelina* (Nke) et *C. effusa* Fckl. dubitare licet.

92. **Diatrypella verruciformis** (Ehrh.) Nkr. f. **Spegazziniana** M. V. n. 771 — acervulis sæpius longitudinaliter seriatis; ascis clavatis, deorsum maxime attenuatis, p. s. 80 ✱ 14, apice obtusiusculo, myriosporis; sporidiis botuliformibus, minutis, 6 ✱ 1, curvulis ex olivaceo hyalinis.

Hab. in culmo putri Arundinis Donacis *a Conegliano*, Iunio 1876 (Spegazzini).

Sect. 2. Phæosporæ Sacc.

93. **Hypoxylon** (Euhypoxylon) **luridum** Nke., Sacc. F. V. ser. IV. 22 – f. **minus**: acervulis constanter minoribus; a. p. s. 70–80 ⋇ 7; sporidiis octonis oblique monostichis ovoideis inæquilateralibus, 9–11 ⋇ 5 –6, 2-guttulatis, fuligineis, quandoque (an ex ascis secedentibus?) muco hyalino parce involutis.

Hab. in ramis corticatis Populi nigræ *a Vittorio,* Oct. 1875.

94. **Hypoxylon** (Epixylon) **Bagnisii** Sacc. sp. nov. Acervulis subglobosis, superficialibus, basi coarctatis, superne complanato-convexis, minutis, $2^1/_2$–$2^3/_4$ mill. diam., atrorufis, intus nigrescentibus, stromate parco, ideoque a peritheciis fere omnino constantibus; peritheciis in quoque acervulo paucis (7–10), majusculis, diam. $^1/_2$–$^3/_4$ mill., verticaliter ovoideis, vertice conoideis papillatisque; ascis cylindricis fasciculatis, 90 ⋇ $4^1/_2$, p. s. 70 lga, stipitatis, paraphysatis, 8sporis; sporidiis monostichis, oblongo-coffeiformibus, 9–10 ⋇ 4, 2-guttatis, fuligineis.

Hab. in ramis corticatis fagineis *a S. Onofrio* prope Romam, socia *Quaternaria Persoonii* Tul. (C. Bagnis).

Obs. Ab. *H. Botry* Nke peritheciis papillatis, ab *H. cohærente* (Pers.) Fr., acervulis minoribus, atrorufis, basi coarctatis, sporidiis minoribus etc. differt.

95. **Thamnomyces hippotrichoides** (Web.) Eherenb. – Cooke Hndb. p. 792 – Sacc. F. V. ser. V. 184.

Obs. In ligno putri abietino *a Selva* legi specimina perfecte fertilia. Stromata filiformia, tortuosa, plerumque indivisa, nitida, aterrima, summo apice (conidiophoro?) pallida, 6–8 cent. lga, medium versus peritheciophora. Perithecia prominentia, globosa, papillata, carbonacea. Asci cylindrici longiuscule stipitati, apice rotundati, 80–100 ⋇ 6, p, s. 70 lga, paraphysibus veris nullis, octospori. Sporidia oblique monosticha, oblongo-fusoidea, inæquilateralia, 12–15 ⋇ 5,

2-3-guttata, fuliginea. – Conidia nondum observare contigit. A genere *Xylaria* nulla essentiali nota differt, immo *X. filiformi* (A. S.) Fr. affinis.

96. **Anthostoma** (Euanth.) **Venetum** Sacc. Peritheciis laxe gregariis ligno immutato v. parum infuscato immersis, globosis, diam. $^1/_1$ mill., aterrimis, ostiolo conoideo-truncato, ligni superficiem attingente, dein perforato; ascis cylindraceis, 120–130 ⁎ 18, breviter stipitatis, apice tunica integra crassiuscula truncatis, octosporis; sporidiis, oblique monostichis, ovato-oblongis, 30 ⁎ 12–13, utrinque obtusiusculis, crasse 1–3-nucleatis (nucleis quandoque oblique rimosis), intense fuligineis.

Hab. in ligno putrescente Pyri v. Mali *a Conegliano,* socia *Propoli versicolori* Fr. f. *lactea*, Nov. 1876 (Spegazzini).

97. **Anthostomella rostrispora** (Ger.) Sacc. – *Sphæria rostraspora* W. R. Gerard in Just bot. Iahresb. II. 302.

Hab. in foliis putrescentibus Castaneæ vescæ *a Conegliano* Nov. 1876, rarissime (Spegazzini).

Obs. Asci cylindrici, 91–115 ⁎ 5, octospori; sporidia monosticha, oblongo-ellipsoidea, 9–14 ⁎ 4, 2-guttulata, fuliginea, utrinque rostro curvo hyalino aucta. rostro inf. 7 lgo, superiore 5 lgo.

E brevi descriptione Gerard l. c. nostra videtur cum *S. rostraspora* convenire, sed hujus specimina nondum vidi. *S. bicalcarata* Ces. in Hedw. 1872 p. 181 peraffinis quoque videtur, sed cl. Niessl (N. u. k. Pyren. p. 9) eam ad genus Diaporthe ducit.

98. **Anthostomella Olearum** Sacc. et Speg. Peritheciis innatis, sparsis, epidermide tumidula et leniter nigrificata velatis, globulosis, breve papillatis, subcarbonaceis; ascis cylindricis, longiuscule attenuato-stipitatis, 130–150 ⁎ 7–9, apice tunica integra, paraphysibus filiformibus spuriis obvallatis, octosporis; sporidiis recte monostichis, ellipsoideis, utrinque obtuse rotundatis, 12–15 ⁎ 6–7, saepe 2-guttatis, exappendiculatis, fuligineis.

Hab. in cortice duriore Oleæ europeæ *a Conegliano*, Dec. 1876 (SPEGAZZINI).

Obs. Ab affinibus *A Pœtschii* Niessl (N. u. k. Pyr. 41), *A. umbrinella* (DNtrs.) Sacc. et *A. perfidiosa* (DNtrs.) Sacc. præcipue sporidiis exappendiculatis differt; magis accedit ad *A. clypeatam* (DNtrs.) Sacc., quæ ascis subclavatis, peritheciis distincte clypeatis satis recedere videtur.

99. **Rosellinia Sylvana** Sacc. F. V. ser. II p, 329.

Obs. Iterum legi in sylva *Montello*, Sept. 1876, hanc speciem eximiam et optime evolutam. Asci cylindraceo-clavati 150 * 10–11, noduloso longiuscule stipitati, paraphysibus filiformibus obvallati, octospori; sporidia monosticha, initio cylindracea, flexa (more *Lasiosphæriæ*) 25 * 5, granulosa, hyalina; dein sursum incrassata pariter hyalina, postremo ut l. c. descripsi.

100. **Rosellinia apiculata** Sacc. sp. nov. Peritheciis superficialibus, dense gregariis, carbonaceis, globosis diam. $^1/_3$–$1/_2$ mill., obtuse papillatis, rugulosis, glabris; ascis cylindraceo-clavatis, deorsum attenuato-stipitatis, 70 * 8–10, p. s. 40 lga, aparaphysatis, octosporis; sporidiis distichis v. oblique monostichis, oblongo-ovoideis, 7–9 * 4–$4^1/_2$, 1–2-guttulatis, fuligineis, basi appendicula hyalina obtusa brevi auctis – Habitus fere *R. pulveraceæ v. Melanommatis Pulveris pyrii.*

Hab. in ligno putri quercino in sylva *Montello*, Sept. 1876.

101. **Sordaria curvula** de Bary, Wint. d. Sord. 37 cum icone.

Hab. in fimo equino et vaccino *a Conegliano*, Nov. 1876 (SPEGAZZINI).

102. **Sordaria fimicola** (Rob.) Ces. et. DNtrs., Wint. d. Sord. 17 cum. icone.

Hab. in fimo equino *a Conegliano*, Dec. 1876 (SPEGAZZINI).

103. **Sordaria lanuginosa** (Pr.) Sacc. – *Sphæria lanuginosa* Pr. in Linn. 1853. XXVI. 714 – *Arnium lanuginosum* Nke – *Sordaria Curreyi* Awd,, Niessl.

Beitr. 42 (teste ipso) - *Sphæria* (Sord.) *Brassicæ* Kl. - Affinis quoque *Sph. caudata* Curr. Linn. Trans. XXII. 320 t. 58 fig. 50, quæ sporidiis minoribus gaudet.

Hab. in lignis putrescentibus Ulmi, Sambuci, in caulibus Helianthi, Saponariæ etc. *a Selva* et *Conegliano*, aut. 1875–76 (Sacc. et Speg.)

Obs. Asci cylindracei, p. s. 150–160 * 20–24, octospori; sporidia ovato-ellipsoidea, 40–45 * 22–24, opace fuliginea, utrinque v. basi tantum hyalino-caudata.

104. **Chætomium Fieberi** Cda – Sacc. F. V. Ser. V. 173 – f. **lignicola, chlorina** M. V. n. 906.

Hab. in lignis udis *a Padova*, Octobr. 1876.

Obs. Pili perithecii simplices recti vel apice hamosi, asperuli, successive flavi, chlorini, olivacei, atri. Asci clavati stipitati! p. s. 35–40 * 15, stipite 20 lgo, octospori; sporidia disticha limoniiformia 12 * 8, olivaceo-fuliginea. – A *Chæt, pannoso* Wallr. (sec. Niessl. in F. E. n. 3026) præcipue pilis simplicibus neque refracto-ramosis differt. An ex ætate?

105. **Melanospora vervecina** (Dmz.) Fckl. Symb. 126 – *Sphæria vervecina* Dmz. in Ann. Sc. nat. 1842 XVII p. 103, cum icone!

Hab. in culmo udo Arundinis Donacis *a Conegliano,* Dec. 1876 (Spegazzini).

Obs. Perithecia fulvo-fuliginea, mulliuscula, rostrata, rostro apice exquisite penicillato; sporidia ovato-limoniiformia 18–22 * 12–14, 1-guttulata, fuliginea.

106. **Physalospora Festucæ** (Lib.) Sacc. – *Sphæria Festucæ* Lib. Exs. n. 246, sec. specimen ab ill. Cooke comm. – *Sphæria sancta* Rehm et Thüm. Myc. Univ. et in Giorn. bot. ital. 1876 p. 252. – *Sphærella Festucæ* Awd. Myc. Eur. 16 fig. 111. – Cfr. Sacc. F. V. ser. II. 309 sub *Pleosp. pyrenophoroide* Sacc.

Hab. in vaginis foliisque Phragmitis, in culmis Andropogonis et Scirpi Holoschæni in agro Tarvisino, autumno 1874–75.

Obs. Ascorum fabrica cum Pleosporeis satis congruit. Cfr. Niessl, N. k. Pyren. 11.

Sect. 3. *Hyalosporæ* Sacc.

107. **Gnomonia leptostyla** (Fr.) Ces. et DNtrs Schema 232 – Rabh. F. E. n. 1943, Thüm. Myc. Univ. n. 454.

Hab. in foliis putrescentibus Juglandis regiæ *a Conegliano*, Dec. 1876 (Spegazzini).

Obs. Asci subclavati 60–70 ⁎ 12–14. aparaphysati, octospori; sporidia oblique monosticha vel disticha, curvula, 20–22 ⁎ 4, 1–septata, vel tenuiter 3–septata, 4–guttulata, hyalina.

108. **Gnomonia devexa** (Dmz.) Awd. Myc. Eur. 23 fig. 58. 126. 137 – *Plagiostoma Euphorbiæ* Fckl. Symb. 118 – Oudem. F. N. n. 81 et Aanw. Myc. Nederl. 7. t. III. fig. 5 – Rabh. F. E. n. 2046.

Hab. in caulibus Euphobiæ dulcis putrescentibus *a Selva*, Apr. 1877.

Obs. Asci clavati, apice subtruncati lumineque 2–foveolati, p. s. 50 ⁎ 14, deorsum attenuati octospori; sporidia fusoidea curvula v. recta, medio constricta, 18–20 ⁎ 4, 4–guttulata, utrinque breviter apiculata, hyalina; peritheciorum ostiola rectiuscula. Hæ notæ perfecte cum *Gnomonia Amygdalinæ* Fckl. Symb. 121 quadrant, sed et hæc lusus v. status junior *Gnom. devexæ* habenda videtur. Icon in Oud. l. c. statum provectum sistit.

109. **Hypospila quercina** Fr. – M. V. n. 912 – *Sphæria brifons* Kze et Schm.

Hab. in foliis dejectis Quercus pedunculatæ *a Conegliano*, Majo 1876 (Spegazzini).

Obs. Secundum cl. Winter in litt. hæc species eadem est ac *Sphæria Pustula* Pers. seu *Gnomonia Pustula* Awd. – Asci subclavati, 70–80 ⁎ 12, octospori; sporidia cylindraceo-fusoidea, 20 ⁎ 4, curvula, tenuiter 3–septata, 4–guttulata, hyalina.

110. **Diaphorte** (Sclerostr.) **sulphurea** Fckl. Symb. 105

***D. affinis** Sacc. Peritheciis corticolis, in acervulos sparsos valseos monostiche aggregatis, epidermide ele-

vata medioque fissa cinctis, globosis, nigris intus nitidis, stromate furfuraceo lutescente junctis; contextu perithecii distincte cellulari fuligineo; ostiolis cylindraceis, vertice conoideis, peridermium parum excedentibus; ascis fusoideis, 110–120 * 20, apice subtruncatis luminique coarctato v. obsolete bifoveolato, aparaphysatis, octosporis; sporidiis distichis oblongis, 25–30 * 10–12, rectis curvulisve, constricto–2–septatis, 2–guttulatis, granulosis, hyalinis, initio appendiculâ cylindraceâ hyalina utrinque auctis.

Hab. in ramulis Coryli Avellanæ *a Conegliano*, Majo 1876 (Spegazzini).

Obs. A *D. sulphurea* Fckl. præcipue differt sporidiis utrinque rotundatis, crassioribus, stromate obscuriore, an satis?

111. **Diaporthe** (Tetrastagon) **circumscripta** Otth, Fckl. Symb. 207.

Hab. in ramis putrescentibus Sambuci nigræ *a Conegliano*, Ian. 1877 (Spegazzini).

Obs. Quum cortex secedit, ligni superficies lineis tortuosis inscripta conspicitur. Asci fusoidei, apice lumine 2–foveolato, 50–60 * 8, aparaphysati, octospori; sporidia disticha cylindraceo-fusoidea, utrinque obtusiuscule rotundata, 15 * 4, constricto–1–septata, 4–guttulata, hyalina.

112. **Diaporthe** (Tetrastagon) **Coneglanensis** Sacc. et Speg. sp. nov. Peritheciis sparsis, cortici immutato immersis lineaque nigra maxime tortuosa per lignum excurrente limitatis, globosis, brevissime papillatis, nigris; ascis fusoideis 50–65 * 6–8, aparaphysatis, octosporis; sporidiis distichis breve fusoideis utrinque obtusiusculis, 14–16 * 3–4, constricto–1–septatis, 4–guttulatis, hyalinis.

Hab. in ramis Aesculi Hippocastani, rarius, *a Conegliano,* Ian. 1877 (Spegazzini).

113. **Diaporthe** (Tetrastagon) **Corni** Fckl. Symb. 207.

Hab. in ramulis corticatis Corni albæ *a Selva*, Oct. 1876, raro.

114. **Diaporthe** (Euporthe) **Australis** Sacc. et Speg. sp.

nov. Peritheciis sparsis ligno subimmutato immersis v. saltem basi infossis, et tunc cortice parum mutato partim exceptis, linea nigra sinuosa per lignum excurrente limitatis, globosis; ostiolo cylindraceo vix peridermium superante; ascis fusoideis, 50–60 ∗ 7–10, aparaphysatis, octosporis; sporidiis distichis v. oblique monostichis breviter fusoideis, 14–16 ∗ $3^1/_2$–5, medio constrictis, 3–septatis, septis extimis tenuioribus, 4–guttulatis, hyalinis.

Hab. in ramis putrescentibus Celtidis australis *a Conegliano,* Ian. 1877 (Spegazzini).

Obs. Ad sectionem *Tetrastagon* quoque vergit.

115. **Diaporthe** (Euporthe) **extorris** Sacc. sp. nov. Peritheciis cortice immutato tectis, ligno omnino v. ad medium immersis, globosis, nigris, linea stromatica nulla manifesta limitatis; ostiolo cylindraceo-conoideo, peridermium vix superante; ascis subclavatis, 80 ∗ 12, subsessilibus, apice subtruncatis lumineque bifoveolato, aparaphysatis, octosporis; sporidiis distichis vel oblique monostichis, oblongo-fusoideis, 16–18 ∗ 7–8, rectis, curvulisve, utrinque obtusiusculis, medio constricto-1–septatis, 4–guttulatis, hyalinis.

Hab. in ramis corticatis Chimonanthi fragrantis Patavii, Martio 1877.

Obs. Hæc quoque ad *Tetrastagon* nutat.

116. **Cryptosporella** Sacc. nov. gen. Peritheciis valsiformiter aggregatis, corticolis; ascis octosporis, aparaphysatis; sporidiis ovatis v. fusoideis, continuis, hyalinis. – A genere *Crytospora* (sporidiis vermicularibus limitato) mea *Cryptosporella* facillime dignoscitur. Ad hoc idem genus quoque spectant: *C. hypodermia* (Fr.) – *C. aurea* (Fckl.) – *C. Æsculi* (Fckl.) – *C. populina* (Fckl.) – *C. sphærostoma* (Nke, sub *Valsa*) – *C. compta* (Tul. sub *Valsa*) – *C. Daldiniana* (DNtrs. sub *Endothia*) – *C. Ehrenbergii* (Tul. sub *Valsa*) – *C. foraminula* (Pers. apud Curr. Comp. Sph. n. 131 fig. 127) – *Sphæria Limminghii* West. Prodr. Fl. Bat. p. 47 (in Ulmo) forte eadem est ac *C. hypodermia* (Fr. – His addenda est species nova sequens:

Cryptosporella Veneta Sacc. Peritheciis corticolis, hinc inde in acervulos valseos, epidermide tumidula cinctos circinato-aggregatis, globosis, intus nitidis; ostiolis longiusculis, apice incrassatis, in fasciculum vix emergentem convergentibus; ascis fusoideis aparaphysatis, 110 * 20, octosporis; sporidiis imbricato-distichis, fusoideis rectiusculis, utrinque acutis, 35 * 10, granuloso-guttulatis, hyalinis.

Hab. in ramis Populi Tremulæ *a Conegliano*, Iunio 1876 (Spegazzini).

Obs. Ab affini *C. Æsculi* (Fckl. sub *Cryptospora*, Symb. p. 193) differt sporidiis majoribus, ostiolisque minus exertis, crassioribusque.

Sect. 4. Didymosporæ Sacc.

117. **Ditopella fusispora** DNtrs. Sf. ital. n. 48 – *Cryptospora suffusa, minor, polyspora* Tul. Carp. II. 145 – *Sphæria ditopa, polyspora* Cooke Hndb. p. 888.

Hab. in ramulis Alni glutinosæ *a Conegliano*, Dec. 1876 (Spegazzini).

Obs. Asci oblongo-clavati, apice rotundati, subsessiles, 80–90 * 16–20, aparaphysati, polyspori; sporidia fusoidea, rectiuscula, utrinque acutata, 15 * $2^1/_2$–3, 1–septata, non constricta, 4–guttulata, hyalina.

118. **Endothia gyrosa** (Schw.) Fckl., Sacc. Myc. Ven. 146 t. XIV. f. 63, 65.

Obs. Pluries legi et in Castanea. Cl. Spegazzini *a Conegliano* in Quercu legit pulchram hujusce formam ostiolis cylindraceis, elongatis, tortuosis, amæne crocatis summoque vertice nigris – Apud omnes formas asci cylindraceo-clavati apice obtusati, 35–40 * 7–8, aparaphysati, octospori; sporidia, oblongo-ovoidea vel subfusoidea, 7–9 * 3, hyalina plasmate denique bipartito, non vere 1–septata visa.

119. **Valsaria insitiva** Ces. et DNtrs, Sacc. Mycol. Ven. 148 t. XV. f. 5, 10 – M. V. n. 238–244 – F. V. ser. IV. 20.

Obs. I. Præterquam in matricibus l. l. c. c. indi-

catis, legi quoque in ramis Celtidis australis, Hibisci syriaci, Chimonanthi fragrantis (cum micropycnidiis ut in ser. IV. 20. descripsi), Rhois glabræ, Amorphæ fruticosæ, Corni sanguineæ, Aceris campestris, Fraxini Orni, Sambuci nigræ, Solani Dulcamaræ.

Obs. II. *Valsaria donacina* (Fr.) Ces. et DNtrs, Sacc. Myc. Ven. 149, lecta est quoque a SPEGAZZINI *a Conegliano*, Oct. 1876. – Sporidia ellipsoidea, 15–16 * 7–8. 2–guttata, fuliginea, perfecte ut in *V. insitiva* a qua hæc species vix differt.

Obs. III. Ad hanc speciem vulgo citatur *Sphæria insitiva* Tode Meckl. II p. 36 t. XIII fig. 108, sed hæc, meo sensu, perfecte refert *Cryptovalsam ampelinam* Nke.

120. **Didymosphæria nitidula** Sacc. sp. nov. Peritheciis sparsis, e globoso depressis, $^3/_4$–1 mill. diam., cortice innatis et epidermide tumidula nigrificata nitidissima, medio perforata, velatis, ostiolo subimpresso pertuso; ascis cylindricis prælongis, p. s. 150 * 10–12, breviter stipitatis apice tunica integra rotundatis, paraphysibus filiformibus guttulatis, octosporis; sporidiis oblique monostichis, oblongo-fusoideis, 25–26 * 10, rectis curvulisve, utrinque acutiusculis, constricto–1–septatis, granulosis, olivaceo-fuligineis.

Hab. in ramulis corticatis Carpini Betuli in sylva *Montello*, Aug. 1876.

Obs. Habitu perfecte cum *Clypeosphæria Notarisii* Fckl. et *Anthostomella nitidula* Sacc. convenit sed sporidia distincte constricto-bilocularia.

121. **Didymosphæria socialis** Sacc. F. V. ser. II. 324 ***D. nobilis**: differt sporidiis longioribus, nempe 18–20 * 5–6, medio distincte constrictis, 4–guttulatis v. 2–nucleatis, fuligineis.

Hab. in ramis corticatis Lauri nobilis *a Conegliano*, Oct. 1876 (SPEGAZZINI).

122. **Amphisphæria Spegazziniana** Sacc. sp. nov. Peritheciis dense gregariis, superficialibus v. basi breviter insculptis, e globoso depressis, diam. $^1/_1$ mill.,

carbonaceis, rugulosis, brevissime et applanato-papillatis; ascis cylindraceis breve stipitatis 80–85 ✶ 8–9 apice membrana integra truncatis, paraphysibus filiformibus crebris obvallatis, octosporis; sporidiis distichis v. oblique monostichis, breve fusoideis 15–18 ✶ 5–5¹/₄, constricto-1-septatis granulosis, olivaceo-fuscis – Habitus *Melanommatis Pulvisculæ* (Curr.)

Hab. in ligno decorticato putri Pyri *a Conegliano*, Apr. 1876 (Spegazzini).

123. **Eriosphæria pomiformis** (Pers.) Sacc. – *E. raripila* Sacc. F. V. ser. II. 326 – *Sphæria pomiformis* Pers., Plowr. S. B. n. 68 – *Melanomma pomiformis* Nke, Rehm Asc. n. 36.

Obs. Perithecia juvenilia globosa, conico-papillata, et pilis conidiophoris vestita ut l. c. descripsi; conidia initio, ut descripta, h. e. subglobosa 5–6 ✶ 4–5, hyalina, sed tandem fusca 1–2-guttulata. Perithecia senio glabrescunt et sæpius, collabescendo, umbilicata fiunt, quo statu *Sph. pomiformem* sistunt. Optime ascophoram et conidiophoram legit in ligno Ulmi *a Conegliano,* am. Spegazzini, glabrescentem et partim umbilicatam legi ipse in ligno Juglandis Patavii Ian. 1876. Etiam sporidiorum fabricâ species hæc a *Melanommate* valde distat et, si glabra, potius cum *Amphisphæria* jungenda.

– var. **minor**: peritheciis subdistantibus, minoribus, (jugiter?) papillatis; ascis cylindricis 90–8; sporidiis 12 ✶ 5–6¹/₂, 2-guttulatis hyalinis. – In ligno populeo Patavii, Ian. 1877.

124. **Venturia chlorospora** (Ces.) Karst. Myc. Fenn. II. 189 – M. V. n. 910.

Hab. in foliis putrescentibus Quercuum *a Conegliano, Colfosco,* Majo 1876 (Spegazzini).

Obs. Perithecia globulosa, 50 diam., laxe cellulosa pilis rigidulis aterrimis basi incrassatis, 40–50 ✶ 4, undique, præcipue vertice, vestita. Asci cylindraceo-clavati, 50 ✶ 8, paraphysibus nullis visis, octospori. Sporidia subdisticha, oblongo-ovata, 8–10 ✶ 4–5, bilocularia vix constricta, amœne luteola.

125. **Venturia ditricha** (Fr.) Karst Myc. Fenn. II. 188 – *Sphæria ditricha* Fr. Syst. Myc. II. p. 515 – *Vermicularia ditricha* Fr. Summa Veget. Scandinav. p. 420.

Hab. in pagina sup. foliorum Betulæ albæ prope *Conegliano*, Aug. 1876 (Spegazzini).

126. **Stigmatea Robertiani** Fr. Summa 421 – M. V. n. 909.

Hab. in foliis adhuc vivis Geranii Robertiani a *Conegliano*, *Padova*, aut. 1876 (Speg. et Sacc.).

Obs. Perithecii contextus *minutissime* cellulosus, *nucleus albus*; asci obclavati, sessiles, 40–45 ⋆ 12, *paraphysibus* spuriis obvallati, octospori; sporidia disticha oblongo-ovata, constricto–1–septata loculo superiore crassiore, 13–14 ⋆ $4^1/_2$, *flavo-olivascentia*. – Notis cursive impressis satis a genere *Sphærella* differt.

127. **Sphærella Tyrolensis** Awd. Myc. Eur. 20 f. 94 – *S. Polypodii* a. Fckl. Symb. 162 – ***S. montellica** Sacc.; a typo differt sporidiis majoribus constrictisque.

Hab. in maculis rufescentibus paginæ superioris Polypodii vulgaris in sylva *Montello*, Oct. 1876.

Obs. Asci clavati, p. s. 50 ⋆ 14, apice obtusati, octospori; sporidia disticha, fusoidea, 18–20 ⋆ $7^1/_4$–$8^1/_2$, recta curvulave, 1–septata, leniter constricta, 2–nucleata, v. pluriguttulata, hyalina. – *Sphæria Polypodii* Rabh., sec. Awd. l. c. ad *Leptosphæriam* spectat.

128. **Sphærella Ariadna** Sacc. sp. nov. Maculis vagis, arescendo dealbatis, linea rufa cinctis; peritheciis in macula gregariis innato-erumpentibus, globulosis, 40–50 diam., punctiformibus, ostiolo impresso pertuso; ascis obovatis, basi acutatis, apice rotundatis 20–25 ⋆ 12–14, aparaphysatis, octosporis; sporidiis 2–3–stichis, cylindraceo-fusoideis, 12–14 ⋆ $3^3/_4$–4, utrinque obtusiusculis, constricto–1–septatis, minute 4–guttulatis, hyalinis.

Hab. in foliis Coronillæ Emeri languidis, in sylva *Montello*, Oct. 1875.

Obs. Cum *Sphærella Emeri* Ces. in Rabh. F. E.

n. 1950 nil commune habet; potius *Sphærellæ minori* Karst. Fenn. II. 171 cognata.

129. **Sphærella crassa** Awd. Myc. Eur. 7. fig. 29.

Hab. in pagina superiore foliorum Populi albæ a *Conegliano,* Oct. 1876 (Spegazzini).

Obs. Asci ovato-clavati, p. s. 65 * 15–16, aparaphysati, octospori; sporidia 2–3–sticha, oblonga, 22–25 * 6–7, constricto–1–septata, loculo superiore crassiore, minute vage pluriguttulata, hyalina. A diagnosi Awd. l. c. recedit sporidiis paululo maioribus.

130. **Sphærella clymenia** Sacc. sp. nova. – M. V. n. 908 – Maculis amphigenis subrotundis ochraceis v. subgriseis, fusco-cinctis; peritheciis remote sparsis e globoso lenticularibus, diam. 70–80, punctiformibus, ostiolo impresso pertusis; ascis clavulatis, 40–50 * 10, aparaphysatis, octosporis; sporidiis distichis oblongo-clavulatis, 14–16 * $3^1/_2$–4, bilocularibus, loculo sup. leniter crassiore, ad septum subconstrictis, 4–guttulatis, hyalinis.

Hab. in foliis Loniceræ Caprifolii, socia *Phyllosticta vulgari* f. *Loniceræ* Dmz (non Auct. quæ *Leptothyrium pictum* B. Br. sistit), in sylva *Montello,* Sept. 1876.

Obs. Phyllosticta nunc citata, quæ *Sphærellæ* spermogonium habenda est, præbet spermatia oblonga, 6–7 * $2^1/_2$, 2–guttulata, hyalina.

131. **Sphærella morphæa** Sacc. sp. nov. Peritheciis gregariis, punctiformibus e globoso lenticularibus, innato-erumpentibus, $^1/_{10}$ mill. diam., ostiolo plano pertuso; perithecii contextu laxe celluloso fuligineo; ascis clavatis, tortuosis, subsessilibus 70 * 12–13, aparaphysatis, octosporis; sporidiis subdistichis ovato-fusoideis, 15–20 * 6–$7^1/_2$, rectis curvulisve, 1–septatis, valde constrictis 4–guttulatis granulosis hyalinis.

Hab. in stigmate capsularum Papaveris somniferi dejectarum a *Conegliano*, Aug. 1876.

Obs. Cum qua specie comparari possit, ignoro.

132. **Sphærella mediterranea** Sacc. sp. nova. Maculis vagis, arescendo candidis brunneo-cinctis; peritheciis

sparsis epidermide velatis dein erumpentibus e globoso-lenticularibus, punctiformibus, $^1/_6$–$^1/_8$ mill. diam., basi hyphulis vestitis, vertice obtusis, pertusis, contextu laxe parenchymatico fuligineo; ascis cylindraceis apice rotundatis, brevissime stipitatis, 90–100 ✻ 12–14, aparaphysatis, octosporis; sporidiis distichis fusoideis rectis curvulisve, 22–25 ✻ 7, 1–septatis, non constrictis, sæpius 4–guttulatis, hyalinis.

Hab. in pag. super. foliorum languescentium Nerii Oleandri *a Sermide*, (Mantova), Majo 1876 (Com. A. Magnaguti-Rondinini).

Sect. 5. Phragmosporæ Sacc.

133. **Ceriospora Dubyi** Niessl N. k. Pyr. p. 9. -- *Sphæria ceriospora* Duby in Rabh. Herb. Myc. ed. I. n. 1937 – *Sphærella ceriospora* Awd. Mycol. Eur. p. 14 fig. 57 (mala).

Hab. in sarmentis Humuli Lupuli putrescentibus *a Selva*, Sept. 1876.

Obs. Asci cylindracei, 110 ✻ 17, deorsum paulum attenuati, apice, lumine coarctato, crassiuscule tunicati, subtruncati, aparaphysati; sporidia disticha fusoidea, curvula, 40–42 ✻ 10, grosse 2–guttata, 1–septata, non constricta, subhyalina, utrinque mucrone cuspidato hyalino, 10 ✻ 1, aucta. Perithecii contextus rufescens.

***Ceriospora xantha** Sacc. ut præcedens, sed asci 150 ✻ 12; sporidia 40–42 ✻ 7–8, distincte 3–septata, 4–guttulata, flava, utrinque similiter hyalino–cuspidata; perithecii contextus lutescens.

Hab. in sarmentis Clematidis Vitalbæ *a Conegliano*, Aug. 1876 (Spegazzini).

Obs. Invito cl. Niesslio l. c., suspicor cum Awd. Ceriosporæ sporidia perfecte matura 3–septata esse, ut in mea forma *xantha*.

134. **Rebentischia Massalongi** (Mtgn.) Sacc. Consp. Gen. pyr. 12 – *Sphæria Massalongi* Mtgn. Syll. 237, Sacc. Myc. Ven. 99.

Hab. in cortice Aceris campestris *a Conegliano*, Dec. 1876 (SPEGAZZINI).

Obs. Sporidia clavato-pyriformia, 5–6-locularia, ad septa non v. lenissime constricta, loculis superioribus, 25–28 ✻ 8–8½, ex olivaceo fuscis, 4–5-guttulatis, loculo infimo, 10 lgo, caudiformi obliquo, hyalino. *R. pomiformis* Karst. Fenn. II. 97 non v. vix differt.

135. **Leptosphæria Ægira** Sacc. et Speg. nov. spec. Maculis epiphyllis arescendo cinerascentibus, vagis; peritheciis sparsis, punctiformibus, globoso-lenticularibus, vix papillatis, pertusis; ascis cylindraceis subclavatis, 75–80 ✻ 10–12, breve crasseque stipitatis, apice rotundatis, paraphysibus filiformibus obvallatis, octosporis; sporidiis distichis, breve fusoideis, 25–28 ✻ 7, 3-septatis, loculo superiore pænultimo leniter crassiore, flavis.

Hab. in foliis languidis Populi albæ *a Conegliano*, Nov. 1876 (SPEGAZZINI).

Obs. Cum *Lept. Alcide* Sacc. F. V. ser. V. 176 non comparanda.

136. **Leptosphæria Vincæ** (Fr.) Sacc. – *Sphærella Vincæ* (Fr.) Awd. Myc. Eur. p. 10 fig. 49 (immat.) – Sacc. Myc. Ven. p. 209.

Obs. Iterum legi et evolutam in sylva *Montello*, Aug. 1876 – Sporidia cylindracea utrinque obtusiuscula, curvula, 15 ✻ 4, matura tenuiter 3-septata, 4-guttulata, subhyalina.

137. **Leptosphæria modesta** (Druz.) Awd. – *L. Cibostii* DNtrs. Micr. Dec. VII. fig. 8. – f. *Cynanchi Vincetoxici:* ascis clavatis 80–90 ✻ 10–12, paraphysibus filiformibus obvallatis, octosporis; sporidiis distichis fusoideis curvulis, 27 ✻ 4, 4–5-septatis, loculo subintermedio crassiore, flavis.

Hab. in caule Cynanchi putri *a Conegliano*, Dec. 1876 (SPEGAZZINI).

Obs. A *Lept. modesta* vera videtur differre species homonyma in *Erb. critt. ital.* ser. II. n. 591, Parmæ lecta in caulibus Scabiosæ Columbariæ a cl. prof. J. PASSERINI. Hæc differt præcipue sporidiis utrinque appendiculâ hyalinâ obtusâ 4 lgâ auctis.

cæterum similiter 5-locularibus, loculo secundo crassiore, 35 * 5, flavis; ascis clavatis crasse stipitatis 70–80 * 14, octosporis; peritheciis erumpentibus globoso-depressis, subumbilicatis. Hæc *L. Passerinii* dicenda.

138. **Leptosphæria littoralis** Sacc. sp. nova. Peritheciis sparsis, innatis, globulosis, diam. $^1/_4$–$^1/_3$ mill., nigris, ostiolo brevi cylindraceo, obtuso, pertuso erumpente; ascis crasse cylindraceis 150–170 * 30, brevissime subnoduloso-stipitatis, apice obtusatis, paraphysibus filiformibus obvallatis, octosporis; sporidiis distichis, crasse fusoideis, 45 * 15–18, rectis curvulisve utrinque obtusiusculis, 7–8–locularibus, ad septa constrictis, loculis transverse pluriguttulatis olivaceis.

Hab. in calamis Scirpi cujusdam *al Lido* prope Venetias, æstate 1875 (SPEGAZZINI).

Obs. Perithecii contextus laxe cellulosus fuligineus – Species prædistincta!

139. **Leptosphæria Convallariæ** (Fckl.) Sacc. – *Pleospora Convallariæ* Fckl. Symb. 138.

Hab. in caule putri Convallariæ multifloræ *a Conegliano*, Iunio 1876 (SPEGAZZINI).

Obs. Asci cylindraceo-clavati, 65–75 * 10–12, paraphysati, octospori; sporidia disticha, fusoidea, curvula, utrinque acutiuscula 25–26 * 4, 4–septata, sæpe guttulata, hyalina. Huic affinis *L. Lathyri* Sacc.

140. **Leptosphæria suffulta** (Nees) Niessl in Rabh. F. E. n. 1549 – M. V. n. 923.

Hab. in ramulis Melampyrorum *a Conegliano* et in sylva *Montello*, Aug. 1876 (SPEG. et SACC.).

Obs. Peraffinis *L. Doliolo* (Pers.) Ces. et DNtrs.

141. **Leptosphæria obesa** (Dur. et Mtgn.) Sacc. – *Sphæria obesa* Dur. et Mtgn. Fl. Alg. 526 t. 27. fig. 3!

Hab. in caule Eupatorii cannabini *a Conegliano*, Oct. 1876 (SPEGAZZINI).

Obs. Asci mox diffluentes clavati 160 * 20, octospori; sporidia in genere maxima, fusoidea utrinque attenuata, 55–58 * 10–12, 6–8–septata, loculo intermedio longiore obeso, saturate flavo, cæteris sensim pallidioribus. Species prædistincta.

142. **Leptosphæria Fiedlæri** (Niessl) Sacc. – *Cryptospora Fiedlæri* Niessl in Hedw. 1874 p. 42.

Hab. in ramulis Corni sanguineæ *a Conegliano,* Iul. 1876 (Spegazzini).

Obs. Asci clavati, 100–110 * 18, deorsum attenuati, apice rotundati, paraphysibus copiosis filiformibus obvallati, octospori; sporidia oblique monosticha v. disticha, cylindraceo-fusoidea, curvula, 26–32 * 6–$7^1/_2$, 3–septata, ad septa constricta, chlorino-hyalina.

143. **Leptosphæria riparia** Sacc. sp. nov. Peritheciis gregariis, punctiformibus, e globoso conoideis, $^1/_{10}$ mill. diam., initio epidermide tumidula velatis dein erumpentibus; ascis clavatis, 50–60 * 14, paraphysibus filiformibus obvallatis, octosporis; sporidiis distichis, fusoideis, 28–30 * 6, curvulis, 5–6–septatis, ad septum medium leniter constrictis, 6–7–guttulatis flavo-ochraceis.

Hab. in calamis Iunci effusi *a Selva,* Sept. 1875.

Obs. Habitu *Lept. hydrophilæ* Sacc., fructificatione *Lept. culmicolæ* (Fr.) Karst. et *Lept. culmifragæ* (Fr.) Ces. et DNtrs affinis.

144. **Leptosphæria fuscella** (B. et Br.) Ces. et DNtrs Schema 236 – *Sphæria fuscella* B. et Br. Brit. fung. n. 636 t. XI fig. 20, *non* Sacc. Mycol. Ven. p. 96, quæ *Leptosphæria vagabunda* Sacc. F. V. ser. II. p. 318.

Hab. in sarmentis putrescentibus Ruborum a *Conegliano,* Oct. 1876, socia *Diplodia Rubi* Fr. (Spegazzini).

Obs. Asci cylindrici, 100 * 9–10, breve crassiuscule stipitati, octospori; sporidia oblique monosticha, ovoidea vel ellipsoidea, 15 * 9, 3–septata, ad septa tandem leniter constricta, rarissime accedente septulo uno alterove longitudinali, olivacea. – Bene convenit cum speciminibus nomine *Sphæriæ fuscellæ* B. et Br. a cl. Niessl communicatis.

145. **Clypeosphæria Notarisii** Fckl. Symb. 117., Sacc. Myc. Ven. 210. *Sphæria clypeiformis* DNtrs. Erb. critt. ital. ser. I. n. 47. – f. *Castaneæ vescæ.*

Hab. in ramulis corticatis Castaneæ vescæ *a Colfosco*, Sept. 1876.

Obs. Asci cylindracei, 100–120 ✶ 9–10, paraphysibus filiformibus obvallati, octospori; sporidia oblique monosticha, oblongo-cylindracea, curvula, utrinque rotundata. 20–24 ✶ $6^1/_2$–$7^1/_2$, 3–septata, non constricta, 4–guttulata, olivaceo-fuliginea,

146. **Massaria fœdans** Fr., Fckl Symb. 152 – *M. amblyospora* Bk., Fresen. t. VII. f. 24–33. – *M. inquinans* DNtrs. in Atti congresso Milano 1844 cum icone. *nec* Tode – f. *faginea.*

Hab. in ramulis fagineis *a Conegliano,* Nov. 1876 (SPEGAZZINI).

Obs. Species plerumque in Ulmo occurrit, sed etiam cl. Crouan (Fl. Finist. 31) in Fago legit. – Asci clavati crassi, 150–200 ✶ 25–30, obtuse stipitati, apice obtusati, paraphysibus copiosis filiformibus obvallati, octospori; sporidia disticha oblongo-clavata 40–45 ✶ 18, 2–septata, ad septa leniter constricta, loculo superiore multo crassiore, 3–guttata, fuliginea, stratu mucoso obducta.

147. **Massaria Æsculi** Tul. Carp. II. 227 – Fckl. Symb. App. I. 302.

Hab. in ramis Æsculi Hippocastani *a Conegliano,* Iunio 1876 (SPEGAZZINI).

Obs. Asci clavati, paraphysati, 100–110 ✶ 30, 5–8–spori; sporidia oblongo-clavata, 50 ✶ 18–22, 3–4–septata, ad septa, praecipue medium, constricta, fuliginea, stratu mucoso obvoluta.

148. **Massaria Platani** Ces. in Rabh. F. E. n. 323.

Hab. in ramulis Platani orientalis *a Conegliano* et *Padova,* aut. 1876.

149. **Massaria inquinans** (Tode) Fr. ***M. callispora** Sacc.; peritheciis sparsis ligno basi adnatis, corticeque secedente superficialibus, globulosis, $^3/_4$ mill. diam., aterrimis, pachydermaticis, ostiolo breve conoideo; ascis amplis, clavatis, apice rotundatis, crasse tunicatis, paraphysibus filiformibus obvallatis, octosporis; sporidiis cylindraceo-oblongis, utrinque rotundatis, 80 ✶ 21, re-

ctis, 3–septatis, non constrictis, stratu hyalino exigu cinctis, fuligineis, loculis guttam maximam globosam marginatam subroseam (denique subrhomboideam) foventibus.

Hab. in ramis Aceris campestris, *a Conegliano,* Iunio 1876 (Spegazzini).

Obs. Prima fronte pro *Caryospora* habui, sed initio certe cortice tecta est. Affinior forte *M. gigasporæ* Fckl. Sym. App. II. 28. fig. 7, sed et hæc probabiliter *M. inquinantis* varietas.

150. **Massaria eburnoides** Sacc. Peritheciis sparsis cortice pustulatim elevato nidulantibus, subglobosis $^1/_2$–$^3/_4$ mill. diam., pachydermaticis, atris, ostiolo brevissime papillato vix erumpente; ascis cylindraceis, breve stipitatis, apice rotundatis, 120–130 ∗ 18–20, paraphysibus filiformibus copiosis obvallatis, octosporis; sporidiis distichis, breve crasseque fusoideis, utrinque rotundatis, rectis curvulisve, 30–32 ∗ 12–15, 3–septatis, ad septa, præcipue medium, constrictis grosse3–guttatis, hyalinis, stratu mucoso crassiusculo obductis – Sporidiorum guttæ tandem evanescunt, stratusque hyalinus obsolescit. Peritheciorum contextus densus, minutus, ater.

Hab. in ramulis corticatis emortuis Coryli Avellanæ *a Conegliano* Iunio 1876 Spegazzini). – Præclara species.

151. **Melanomma fallax** Sacc. *) nov. spec. Peritheciis laxe gregariis, superficialibus v. basi ligno leviter insculptis, glabris, e globoso depresse conoideis, diam. $^1/_3$ mill., carbonaceis, aterrimis, ostiolo breve papillato; ascis clavato-cylindraceis breve stipitatis, 100–110 ∗ 9–10, paraphysibus filiformibus obvallatis, octosporis; sporidiis distichis v. oblique monostichis, fusoideis rectis curvulisve 20–25 ∗ 5–7$^1/_2$, utrinque acutatis, 3–5–septatis, 4–6–guttulatis, hyalinis.

Hab. in ligno denudato quercino *a Selva,* Aug. 1875, rarius.

*) In *Hedwigia* 1875 n. 5 (F. V. ser. III) perperam dixi *Melanomma* simplici *m* (a νομας) scribendum; nam ab ὄμμα (aspectus) originem ducit, ergo duplici *m* scribendum; nec non e genere neutro nec femineo habendum.

Obs. Affine *Melanommati conico* Fckl., Symb. 160, a quo præcipue ascis sporidiisque crassioribus, brevioribusque satis differt.

152. **Botryosphæria** (Lisea) **nemorosa** Sacc. sp. nova. Peritheciis erumpenti-superficialibus, in soros parvos aggregatis v. subsparsis, globulosis $^1/_8$–$^1/_6$ mill. diam., obtuse papillatis dein umbilicatis, atris, contextu amœne atrocyaneo laxe celluloso; ascis fusoideis, subclavatis, subsessilibus, aparaphysatis, 70 ∗ 10–12, initio lumine apice coarctato-foveolato (Nectriæ ad instar); sporidiis octonis oblique monostichis vel distichis, breve fusoideis, 14–16 ∗ 6–6$^1/_2$, raro usque 7$^3/_4$, constanter constricto–1–septatis, loculo superiore paululo crassiore, hyalino–farctis initioque minute 4–guttulatis.

Hab. in ramulis Cytisi nigricantis in sylva *Montello,* Oct. 1876, raro.

Obs. Diu hæsi an potius ut forma *B. pulicaris* considerarem hanc speciem; legi enim in ramulis Gleditschiæ formam sporidiis sæpe 1–septatis, sed intermixtis normalibus 3–septatis. Præsens tamen sporidiis jugiter didymis peritheciisque obscurioribus lævioribus satis recedere videtur. *B. Vitis* Niessl Beitr. 48 huic peraffinis videtur, sed descriptio incompleta.

153. **Botryosphæria advena** Ces. et DNtrs Schema 212 – *Dothidea advena* Ces. Erb. critt. ital. ser. I. n. 495 – *D. melanops* Tul. – *Melanops Tulasnei* Fckl. Symb. 225.

Hab. in ramis corticatis quercinis *ad Altichiero* (Padova) Iunio 1876, ascophora; *a Conegliano,* æst. 1876, stylosporea (Spegazzini).

Obs. Asci magni, clavati, 150 ∗ 25, apice lumine leniter coarctato, breve crasse stipitati, paraphysibus filiformibus obvallati, octospori; sporidia disticha oblongo–rhombea, 40–44 ∗ 15, guttulata, nubilosaque hyalina; stylosporæ in peritheciis distinctis fusoideo–elongatæ, 45–50 ∗ 12, granulosæ, hyalinæ. *)

*) In animo est genus *Botryosphæria*, elementis nimis heterogeneis conflatum, sequenti modo distinguere. I. *Botryosphæria:* perithecii contextu rigidulo, fuligineo-atro; sporidiis ex ovato rhomboideis hyalinis continuis (num matura septata fiant, iterum dubito). Huc *B. Berenge-*

154. **Lophiostoma quadrinucleatum** Karst. Myc. Fenn. II. 85, Sacc. F. Ven. ser. III. p. 4. – ***L. rophaloides**: a typo (Cfr. Karst. l. c.) præcipue recedit sporidiis paulo minoribus subclavulatis, h. e. deorsum leniter attenuatis, 22–25 ∗ $6^1/_2$–8, fuligineis; ascis clavatis 110 ∗ 12–14, copiose paraphysatis.

Hab. in ligno nigrificato Castaneæ vescæ *a Selva*, Sept. 1875.

155. **Lophiostoma excipuliforme** (Fr.) Ces. DNtrs Schema 219.

Hab. in cortice duriore populino v. salicino *a Conegliano*, Nov. 1876 (Spegazzini).

Obs. Asci cylindracei apice rotundati, breviter stipitati, 250 ∗ 25–30, paraphysibus filiformibus obvallati, octospori; sporidia monosticha ellipsoideo-oblonga, maxima, 68 ∗ 23, 5–septata, non constricta, intense fuliginea, polis pellucidis. – Affine *L. Balsamiano* DNtrs.

156. **Lophiostoma perpusillum** Sacc. n. sp. Peritheciis foliicolis, gregariis, innato-erumpentibus, globoso-lenticularibus, diam. $^1/_5$ mill., nigris, ostiolo brevi, compresso, latiusculo; ascis cylindraceis subsessilibus, 70 ∗ 8, paraphysibus filiformibus copiosis obvallatis, octosporis; sporidiis oblique monostichis breve fusoideis rectis curvulisve, 10 ∗ 3 nucleo bipartito, hyalinis.

Hab. in foliis emortuis putrescentibus Caricum in sylva *della Fontana* prope Mantuam, Martio 1876 (Com. A. Magnaguti-Rondinini).

Obs. Affine *L. pusillo* Fckl. Symb. App. II. 29, sed rite distinctum.

157. **Lophiostoma** (Schizostoma) **Montellicum** Sacc.

riana DNtrs., *B. adrena* Ces., *B. pustulata* Sacc. etc. — II. *Giberella*, n. g.: perithecii contextu molliusculo amœne cyaneo vel violaceo; sporidiis ex ovoideo fusoideis, 3-pluriseptatis, subhyalinis. Huc *G. pulicaris* (Fr.) — III. *Lisea*, n. g.: peritheciis præcedentis; sporidiis didymis, subhyalinis. Huc *L. nemorosa* Sacc., *L. Vitis* (Niessl). — *Gibbera Winteri* Rehm Asc. n. 86. sporidiis bilocularibus subhyalinis accedit, sed perithecii contextus atro-fuscus; an Otthia? — *Giberella* et *Lisea* ad Hypocreaceas forte aptius ducenda sunt; *Botryosphæria*, sic limitata, cum Sphæriaceis manebit.

sp. nov. Peritheciis sparsis, superficialibus v. basi insculptis, globosis, majusculis diam. $^3/_4$ mill., carbonaceis, aterrimis, ostiolo compresso valido, basi sæpe coarctato ambitu truncato; ascis cylindraceis, v. subclavatis, 200 ∗ 20, basi nodulosa brevissime stipitatis, paraphysibus filiformibus obvallatis, octosporis; sporidiis oblique monostichis, fusoideis, 38–44 ∗ 12–14, rectis curvulisve, utrinque obtusiusculis, 1–septatis ad septum lenissime constrictis, obsolete granulosis, fuligineis.

Hab. in cortice duriore udo quercino in sylva *Montello*, Sept. 1876.

*__L. vicinum__: a typo præcipue differt ascis conspicue minoribus, nempe 90–110 ∗ 12–14; sporidiis quoque minoribus, 30 ∗ 9–11, rarius 20 ∗ 12, plerumque 4–guttatis nec non rarissime extra ascos tenuiter 3–septatis, pariter fuligineis.

Hab. in cortice duriore quercino in sylva *Montello*, Sept. 1875.

Obs. Species et subspecies cum generis formis mihi notis nihil commune habent.

158. **Pseudovalsa lanciformis** (Fr.) Ces. et DNtrs Schema 206 – M. V. n. 928 – *Sphæria lanciformis* Fr. Syst. Myc. II. 362.

Hab. in ramulis Betulæ albæ *a Susigana*, Sept. 1876 (Spegazzini).

Obs. Sporidia pulchra, octona, fusoidea, 40–50 ∗ 15, utrinque obtusiuscula, 5–septata, grosse 6–guttata, fusca.

159. **Pseudovalsa hapalocystis** (B. et Br.) Sacc. – *Sphæria hapalocystis* B. et Br. Mag. of. N. H. ser. II. 317 cum ic. – *Calospora hapalocystis* Nke, Fckl. Symb. 191 – f. **minor**.

Hab. in ramis corticatis Platani orientalis *a Padova*, Martio 1877.

Obs. Specimina mea ascis cylindraceis 150 ∗ 12; sporidiis minoribus nempe 15–18 ∗ 7–8, plerumque 3–septatis, muticis (pariter fuligineis) a typo desciscunt, sed differentiæ forte e statu nondum bene evoluto v. anormali pendent.

Sect. 6. Scolicosporæ Sacc.

160. **Linospora Capræae** (DC.) Fckl. Symb. 124 – *Isothea saligna* (Ehrh.) Berk., Cooke Hndb. p. 932.

Hab. in foliis putrescentibus Salicis capræae a *Conegliano*, Aug. 1876 (Spegazzini).

Obs. Asci cylindrici, deorsum leniter attenuati 150 ∗ 6–7, aparaphysati, octospori; sporidia filiformia rectiuscula, 100–120 ∗ $1^1/_2$–2, continua, hyalina.

161. **Linospora Carpini** Schröt. in Rabh. F. E. n. 2132 et in Hedwigia 1876 p. 119 – M. V. n. 911.

Hab. in foliis putrescentibus Carpini Betuli a *Conegliano*, Apr. 1876 (Spegazzini).

Obs. Singulare! Hæc nobilis species eodem mense detecta est in agro Veneto a Spegazzinio atque in agro Badensi a Schrötero. – Asci cylindrici, angustissimi, 70–80 ∗ 3–4, octospori, aparaphysati; sporidia filiformia tenuissima, 70 ∗ $^1/_3$ continua, hyalina.

162. **Linospora Magnagutiana** Sacc. n. spec. Peritheciis gregariis sparsis in maculis amplis expallentibus, epiphyllis e globoso lenticularibus, diam. $^1/_5$ mill., aterrimis, ostiolo depresse papillato, nitidis; perithecii contextu indistincte cellulari, carbonescente; ascis copiosissimis, fasciculatis, cylindricis deorsum attenuatis, 110–120 ∗ 4, aparaphysatis, octosporis; sporidiis filiformibus, rectiusculis, 100–110 ∗ $^3/_4$, eguttulatis, continuis, hyalinis.

Hab. in foliis Sorbi torminalis languidis ad pag. super. in sylvula *della Fontana* prope Mantuam, April. 1873 (Com. A. Magnaguti-Rondinini).

Obs. Species peritheciis stromate fere destitutis habituque proprio a cæteris facile dignoscenda.

163. **Lasiosphæria ovina** (Pers.) Ces. et DNtrs. Schema 229. – *Sphæria ovina* Pers. Syn. fung. p. 71.

Hab. in ligno alneo putrescente *a Conegliano*, Dec. 1876 (Spegazzini).

Obs. Pulcherrima species, rara apud nos. – Asci cylindraceo-fusoidei 240–270 ∗ 15–20, apice coarctato-

truncati, aparaphysati, octospori; sporidia 2–3–sticha vermicularia, curvata, 35–45 ✶ 5, continua, granulosa, subhyalina.

164. **Lasiosphæria minuta** Fckl. Symb. 148 – Sacc. F. V. ser. II. 317. – ***L. scleracantha**: peritheciis sparsis, superficialibus, globoso-conoideis, diam. 120-130, numquam cupularibus visis, undique setis rigidis, aterrimis, acutatis, 60–90 ✶ 3–4, vestitis; ascis clavatis, deorsum attenuatis, 110–120 ✶ 14, octosporis, aparaphysatis; sporidiis distichis v. 3–stichis cylindraceo-fusoideis, curvulis, utrinque obtusiusculis, 50–52 ✶ 5, initio pluriguttulatis denique 9–10–septatis, non constrictis, hyalinis.

Hab. in ligno putrescente fagineo in sylva *Cansiglio*, Oct. 1875.

Obs. A typo præsertim peritheciis non collabescentibus, sporidiisque longioribus non constrictis differt.

165. **Lasiosphæria hispida** (Tode) Fckl. ***L. ambigua**: peritheciis sparsis, superficialibus, globoso-conoideis, carbonaceis, ostiolo acutiusculo, undique pilis septatis laxis basique repentibus vestitis; ascis cylindraceis, 150–170 ✶ 13-16, paraphysibus filiformibus obvallatis, octosporis; sporidiis cylindraceis, 50–70 ✶ 5–6, apicem versus ellipsoideo-incrassatis, ibique 7–8 micr. crassis, initio granulosis hyalinis, dein 6–8 septatis, dilute fuscis, parte incrassata quoque 1–3–septata.

Hab. in ligno quercino in s. *Montello* et in ligno fagineo in s. *Cansiglio*, aut. 1874-76.

Obs. An lusus *L. hispidæ?* An sporidia *Lasiosphæriarum*, more *Bombardiæ* (uti monuit Cl. Winter in Hedw. 1874, p. 56, f. VI), ubi perfecte matura, ovoidea fusca hyalinoque appendiculata fiunt? Huic adde quod ipse in *Rosellinia Sylvana* (Cfr. retro sub. n. 99 p. 26) sporidia initio vermicularia observavi; quod ill. Montagne in Fl. Alg. t. 27 fig. 1, tribuit *Sphæriæ hirsutæ* sporidia ovata fusca, postremo quod plures *Sordariæ* species sporidiis initio plus minus vermicularibus hyalinis gaudent (Cfr. Wint. deut. Sordar t. IX et X).

Sect. 7. Dictyosporæ Sacc.

166. **Teichospora seminuda** (DNtrs) Sacc. – *Sphæria seminuda* DNtrs Micr. ital. dec. VII. n. 4, cum ic. an Pers.?, non *Trematosphæria seminuda* Fckl. Symb. p. 162.

Hab. in cortice duriore quercino *a Conegliano*, April. 1876 (Spegazzini).

Obs. Perithecia basi matrici insculpta, conoidea, carbonacea, atra; sporidia ellipsoidea, 23 ✱ 12, 5–septata denseque muriformia, flavo-fuliginea.

167. **Teichospora ignavis** (DNtrs) Karst. Myc. Fenn. II. 65 – *Cucurbitaria ignavis* DNtrs Sfer. ital. 61 t. 58 – *Teichospora Morthieri* Fckl. Symb. 161 (teste Karst. l. c.)

Hab. in ramis corticatis Loniceræ Caprifolii *a Conegliano*, Decembr. 1876 (Spegazzini).

Obs. Perithecia erumpentia, subglobosa, acuteque papillata; asci cylindrici paraphysibus filiformibus obvallati, 95–100 ✱ 12, octospori; sporidia oblique monosticha, oblonga, utrinque rotundata 20–22 ✱ 7–8, 4–5–septata muriformia, ad septa, præcipue medium, constricta, flava.

168. **Teichospora patellarioides** Sacc. nov. spec. Peritheciis gregariis v. subsparsis, superficialibus, subgloboso-conoideis, diam. ca. $^1/_3$ mill., basi applanatis vertice papillatis, tandem collabescendo patellaribus, perithecii contextu parenchymatico, molliusculo fuligineo, ima basi hyphulis brevibus subramosis fuscis cincto; ascis cylindraceo–clavatis, breve subnodoso-stipitatis, apice rotundatis, 120 ✱ 16, paraphysibus filiformibus obvallatis, octosporis; sporidiis subdistichis, ex oblongo sub-pyriformibus, sursum crassioribus, 20–22 10–12, 3–5–septatis, muriformibusque, flavo-olivaceis.

Hab. in ligno decorticato dealbato Populi nigræ *a Migliaretto* prope Mantuam, Apr. 1875 (Com. A. Magnaguti-Rondinini).

Obs. 1. Ab affinibus *T. obtusa* Fckl et *T. po-*

miformi Karst. præcipue sporidiis obpyriformibus recedit.

Obs. II. Specimina optima *Teichosporæ trabicolæ* Fckl in ligno juglandino legit Mantuæ Com. A. Magnaguti-Rondinini, Mart. 1875.

169. **Pleospora phragmospora** (Dur. et Mtgn.) Ces. in Rabh. F. E. n. 1543.

Hab. in foliis putrescentibus Agaves americanæ *a Posilippo* Iulio 1876 (Com. A. Magnaguti).

Obs. Perithecia foliorum parenchymati fere omnino immersa, majuscula, subcarbonacea. Asci cylindraceo-clavati 150 ∗ 17–18, paraphysati, octospori. Sporidia monosticha ellipsoideo-oblonga, medio constricta utrinque rotundata, 27–28 ∗ 16, 5–7–septata septis longitudinalibus pluriseriatis, aureo-fulva.

– f. **Yuccæ** M. V. n. 776: peritheciis minus immersis; ascis cylindraceo-clavatis 130 ∗ 14–18, octosporis; sporidiis submonostichis ovato–oblongis, 25-14, 5–7–septatis, septis longitudinalibus plerumque 1–seriatis, initio aureo-lutescentibus, guttulatis dein atrofuscis – *Pl. Agaves* DNtrs Sf. ital. n. 78 vix differt.

Hab. in foliis putrescentibus Yuccæ gloriosæ *a Conegliano,* Apr. 1876 (Spegazzini).

170. **Pleospora vulgaris** Niessl N. k. Pyr. p. 27. t. IV. f. 11.

Hab. in caule Eryngii campestris, Calaminthæ, Petroselini, nec non in foliis putrescentibus Pruni domesticæ in agro Tarvisino et Patavino, non raro.

171. **Pleospora media** Niessl N. k. Pyr. p. 28. t. IV. fig. 12.

Hab. in caulibus Centaureæ Scabiosæ, Micromeriæ julianæ, Scabiosæ graminifoliæ in agro Veneto, non raro.

172. **Pleospora herbarum** (Pers.) Rabh. f. **Allii** – *P. Allii* (Rabh.) Ces et DNtrs Schema 218 – *Sphæria Allii* Rabh. Herb. Myc. ed. I. n. 838.

Hab. in vaginis foliisque Allii Cæpæ *a Vittorio e Conegliano,* aut. 1875-76.

173. **Pleospora Bardanæ** Niessl N. k. Pyr. p. 18 t. IV f. 4.

Hab. in ramulis corticatis Platani orientalis *a Conegliano*, Iun. 1876 (SPEGAZZINI).

Obs. Perithecia epidermide velata subhemisphærica, coriacea. Asci cylindracei, 90–100 ∗ 12, brevissime crasse stipitata, pseudoparaphysibus crassiusculis obvallati, octospori; sporidia oblique monosticha oblongo-ovata, 18 ∗ 8–10, 3-septata, ad septa leniter constricta, septis longitudinalibus 1-seriatis, mellea. – Etsi matrix tam diversa (cl. Niessl in Lappa indicat) forma hæc a *Pl. Bardanæ* Niessl nullo charactere differre videtur.

174. **Pleospora Anthyllidis** Awd., Niessl N. k. Pyr. p. 30 t. IV f. 13. – ***P. Meliloti** – *P. herbarum* f. *Meliloti* M. V. n. 922 – Peritheciis globoso-depressis dein umbilicatis, 250–300 diam., erumpentibus; ascis clavatis maximis, 150–40, brevissime noduloso-stipitatis, paraphysatis, octosporis; sporidiis distichis, oblongis medio constrictis, utrinque obtusiusculis, 40 ∗ 18, 9–10 crebre septatis denseque muriformibus, rufo-fuligineis.

Hab. in caulibus ramisque Meliloti officinalis *a Conegliano*, Aug. 1876.

Obs. Inter *P. herbarum* et *P. Anthyllidis* fere media, sed huic affinior.

175. **Thyridium Rousselianum** Sacc. et Speg. sp. nov. Stromate eutypeo, ligni, ceterum immutati, superficiem atroinquinante, extenso; peritheciis ligno immersis, sparsis, globosis, $^1/_2$ mill. diam., nigris, ostiolo obtuse conoideo, pertuso, ligni superficiem attingente; ascis clavatis crassiuscule stipitatis, 110–130 ∗ 18–20, paraphysibus filiformibus obvallatis, octosporis; sporidiis oblongis, 22–25 ∗ 8–9, utrinque rotundatis curvulis, 5–7-septatis muriformibusque, ad septa, præcipue medium, constrictis, fuligineis.

Hab. in ligno Fici Caricæ *a Conegliano*, rarissime, Oct. 1876 (SPEGAZZINI).

Obs. I. Hæc species verisimillime congruit cum

Sphæria anserina Rouss. in Ces. et DNtrs Schema p. 222, non cum homonyma Persoonii quæ, ex B. et Br. et Cooke Hndb. p. 879, est didymospora nempe *Valsaria anserina* (Pers.) Sacc. F. V. ser. IV p. 19.

Obs. II. Genera *Thyridium* Nke et *Fenestella* Tul., ut in præsenti definita, non vel vix inter se differentia, sequenti modo limitare propono: I. *Fenestella*, stromate valseo; II. *Thyridium*, stromate eutypeo, cum ceteris characteribus utroque generi communibus. Tali limitatione, generi *Fenestellæ* addendæ sunt species valseæ, jam *Thyridio* adscriptæ, sequentes: *F. vestita* (Fr.) – *F. tumida* (Pers.) – *F. rostrata* (Fckl.) – Generi autem *Thyridio*, præter speciem ante descriptam, addendum est, ut opinor, *Th. cingulatum* (Mtgn. et Fr.) seu *Sphæria cingulata* Mtgn. et Fr. in Ann. Sc. nat. 2. I. p. 340 t. 12 fig. 3 – Sylloge p. 234, nec non huic valde affine *Th. lividum* (Fr.) seu *Sphæria livida* Fr. S. M. II. 479, Ces. DNtrs. Schema 222 seu *Teichospora livida* Karst. Myc. Fenn. II. 68 – nec *Sph. livida* Dur. et Mtgn. Fl. Alg. t. 26 fig. 5 (sporidiis 1–septatis hyalinis, minutis).

176. **Capnodium elongatum** Bk. et Dmz., Cooke Hndb. p. 933 – M. V. n. 1098.

Hab. in foliis Tussilaginis Farfaræ *a Conegliano*, Sept. 1876 (Spegazzini).

177. **Capnodium Footii** Bk. et Dmz., Cooke Hndb. p. 933 et F. B. ed. II. n. 292 – M. V. n. 1099 – *Microxyphium Footii* Harw. – Thüm. F. A n. 191.

Hab. in foliis coriaceis Fici, Cassines Mauroceniæ etc. in calidariis Horti Patavini, Ian. 1876.

Hypocreaceæ DNtrs.

178. **Eleutheromyces subulatus** (Tode) Fckl. Symb. Myc. 183. – *Sphæronema subulatum* (Tode) Fr. – *Sphæria subulata* Tode.

Hab. in Agaricis putrescentibus *a Susigana*,

Nov. 1876, socia sæpius *Isaria brachiata* (Batsch) Schm. (SPEGAZZINI).

Obs. Asci cylindraceo-fusoidei, fluxiles, 50 ∗ 4, octospori; sporidia disticha, cylindraceo-oblonga, 5–6 ∗ $1^{3}/_{4}$–$2^{1}/_{2}$, hyalina, utrinque setulâ subæquilongâ tenuissimâ aucta.

179. **Nectriella Rousseliana** (Mtgn.) Sacc. – *Nectria Rousseliana* Mtgn. Syll. p. 224 – M. V. n. 687 – *Stigmatea Rousseliana* Fckl. Symb. 97.

Hab. in foliorum pag. inf. Buxi sempervirentis *a Selva, Padova*, aut. 1875-76.

Obs. I. Asci subclavati, deorsum attenuati, apice obtusati, 60 ∗ 7–8, aparaphysati, octospori; sporidia disticha, breve fusoidea, 15 ∗ 5, continua farcta, hyalina. Perithecii contextus molliusculus roseus, interdum roseo-virens.

Obs. II. Genus *Nectriella* Sacc., non Fckl., sistit Nectriæ species sporidiis absolute unicellularibus instructas, e. g. *N. Rousseliana*, *N. perpusilla* (Mtgn. Syll. p. 225) et plures exoticæ.

Obs. III. *Nectria Rousseliana* in Cooke F. B. ed. II. n. 478 et in Plowr. S. B. II. 8, ad *Sphærellam Buxi* (DC.) Awd. M. E. p. 2 fig. 42 spectare mihi videtur. Observandum tamen quod et vera *S. Buxi* potius Hypocreaceis adscribenda sit; certe ejus perithecii contextus mollior, roseus, flavicans vel rufus, asci et sporidia nectriacea fingunt ferme *Nectriellam* subcutaneam. Hæc quoque frequens est *a Padova e Selva*.

180. **Nectria sanguinea** (Sibth.) Fr. S. V. S. p. 388 – Rabh. F. E. n. 1829.

***N. laurina**: peritheciis distincte ovato-conoideis, non collabescentibus, sanguineis; ascis cylindraceis 40–6, octosporis; sporidiis oblongis, curvulis, 14 ∗ 3–$3^{1}/_{2}$, tenuiter 1–septatis, non constrictis, hyalinis.

Hab. in ramulis putrescentibus L a u r i n o b i l i s *a Selva*, Aug. 1875, socia *Chætopsi stachyobola* Cda.

Obs. A *Sphærostilbe coccophila* Tul. – Erb. cr. ital. ser. II. n. 542 – plurimum differt.

181. **Nectria Mantuana** Sacc. sp. nov. Peritheciis gregariis, superficialibus, e globoso depressis, vertice demum leviter umbilicatis, diam. 150 micr., rufis, undique breve sed distincte albido-pilosis, contextu laxiuscule cellulari, sordide carneo; ascis cylindraceo-clavatis, 80–90 * 7, deorsum attenuatis, apice, lumine initio 2-foveolato, obtusatis, pseudoparaphysibus filiformibus obvallatis, octosporis; sporidiis oblique monostichis v. distichis, oblongis ad medium leniter constrictis, curvulis, 12 * $3^1/_2$–4, 4-guttulatis, dein 1-septatis, hyalinis.

Hab. in ligno decorticato populeo *a Migliaretto* (*prov. di Mantova*), Febr. 1873 (Com. A. Magnaguti-Rondinini).

Obs. Peritheciis sparsis, rufis, pilosellis, nobilis hæc species statim dignoscitur.

182. **Calonectria varians** Sacc. sp. nov. Peritheciis superficialibus, plerumque circum stroma crassiusculum pallidum aggregatis, rarius, stromate fere deficienti, subsparsis e globoso conoideis v. subangulosis, aquose carneis, lævibus, ostiolo acutiusculo, denique leviter collabescentibus; perithecii contextu distincte laxe parenchymatico, roseo; ascis cylindraceo-fusoideis, 80–100 * 12–15, deorsum attenuatis, lumine apice coarctato, aparaphysatis, octosporis; sporidiis oblique monostichis vel distichis, fusoideis, 20–24 * 7, rectis curvulisve, utrinque obtusiusculis, 3-septatis, ad septa constrictis, hyalinis.

Hab. in ramis putrescentibus corticatis Mori albæ, socia *Botryosphæria pulicari β moricola, a Selva* Aug. 1876.

Obs. Cum speciebus permultis comparavi, sed cum nulla perfecte quadrat. *C. Fuckelii* (Nke) Sacc. huic paululum accedit.

Dothideaceæ Nke

183. **Mazzantia Galii** (Guep.) Mtgn. Syll. 246.

Hab. in caulibus putrescentibus Galii sylvatici in sylva *Montello,* Sept. 1875, rarius.

184. **Euryachora Sedi** (Lk.) Fckl. Symb. myc. 220 — *Leptostroma Sedi* Lk. — *Dothidea* (Placosphæria) *Sedi* DNtrs. Comm. Critt. ital. II. 490. n. 43.

Hab. in caulibus putrescentibus Sedi maximi Romæ ad turrim Cæciliæ Metellæ (C. BAGNIS).

Obs. Asci ovati, basi brevissime crassiuscule stipitati 20–25 * 10–12, octospori, aparaphysati; sporidia oblonga, 5–6 * 3, initio 2-nucleata, tandem 1-septata, loculo superiore paulo crassiore, hyalina.

185.? **Dothidea melanoplaca** Dmz. Exsicc. III. 91.

Hab. in foliis languidis Veratri nigri *a Vittorio*, Oct. 1875.

Obs. Sterilis sed stromatis structura dothideacea videtur. Cognita fructificatione, probabiliter ad *Euryachoram* v. *Phyllachoram* ducenda erit.

186.? **Dothidea lichenicola** Mass. Lich. crost. p. 45 fig. 81.

Hab. in lamina proligera Pachyosporæ viridescentis Mass. (Aspiciliæ calcareæ (L.) Körb. var.) in rupibus trachiticis collium *Euganei a S. Daniele* (Massalongo l. c.)

Obs. I. Ab *Homostegia lichenum* (Somm.) Fckl. et *H. Piggotii* (B. et Br.) Sacc. prorsus diversa.

Obs. II. Cl. SPEGAZZINI Apr. 1876 legit *a Conegliano,* in caulibus Artemisiæ *Dothideam tetrasporam* B. et Br. perfecte ut forma in Cytiso (M. V. n. 646).

Hysteriaceæ Cda.

187. **Aporia herbarum** (Fr.) Duby. Hyster. p. 52. — *Hysterium herbarum* Fr.

Hab. in caule Silenes inflatæ in Euganeis, Mart. 1876, raro.

Obs. Perithecia minutissima, oblonga, applanata rimula percursa, erumpentia, nigra, membranacea. Asci clavati subsessiles, 30 * 10, aparaphysati, octospori; sporidia disticha, fusoidea, 8 * 3, hyalina.

188. **Aylographum vagum** Dmz. Ann. Sc. nat. XIX p. 362 – *A. Hederæ* Lib., DNtrs, Pir. ister. p. 31 *Hysterium micrographum* DNtrs. Micr. ital. dec. IV fig. III – f. **Photiniæ.**

Hab. in foliis dejectis Photiniæ serrulatæ *a Conegliano*, Nov. 1876 (SPEGAZZINI).

Obs. Asci oblongo-clavati, subsessiles, 23–32 * 12, aparaphysati, octospori; sporidia 2–3-sticha, oblonga, curvula, 15–17 * $3^1/_2$–4, constricto-1-septata, 4-guttulata, hyalina.

189. **Aylographum sarmentorum** DNtrs Pir. ister. p. 29 – f. **Caprifolii.**

Hab. in sarmentis emortuis Loniceræ Caprifolii *a Conegliano*, Nov. 1876 (SPEGAZZINI).

Obs. Asci obovati, 25–30 * 18–21, brevissime crassiuscule stipitati, apice obtusissimo, tunicaque incrassata, aparaphysati, octospori; sporidia oblonga, bilocularia, 8–10 * 4, loculo superiore paulo crassiore, hyalina.

190. **Glonium interruptum** Sacc. Myc. Ven. p. 159 t. XVI f. 16–18.

Obs. Huc Mycoth. Ven. n. 715 (ex errore «G. lineare») – Ab *Gl. lineari* (Fr.) DNtrs rite diversum peritheciis brevioribus, magis tumentibus et præsertim sporidiis fere æqualiter bilocularibus, utrinque acutiusculis.

191. **Glonium lineare** (Fr.) DNtrs. f. **angustissimum** DNtrs – M. V. n. 948.

Hab. in ramis quercinis decorticatis *a Selva*, Oct. 1876.

Obs. Asci cylindraceo-clavati, 80–90 * 10–11, paraphysati, octospori: sporidia oblongo-obovata, 2-locularia, 12–15 * $5^1/_2$–$6^1/_2$, loculo superiore rotundato crassiore, inferiore obtuse acuminato, hyalina. – Hæc forma admodum differt a *G. interrupto* Sacc., sed vix recedit a vero *G. lineari* (Fr.) DNtrs.

192. **Triblidium hysterinum** Duf., DNtrs Ister. p. 15 – *Hysterium elevatum* Pers. – ***T. rhopalascum**: a typo præcipue differt ascis clavatis, 55–90 * 15–30,

(nec vere cylindraceis et ita longis ut in *Grevillea* tab. 67 fig. 3) sporidiisque distichis constricto-didymis; 28 ✻ 12–15, 2-guttatis, fuligineis – Paraphyses apice coalescentes fuscæque.

Hab. in ligno indurato Mori albæ *a Selva*, Oct. 1876, rarius.

193. **Hysterium angustatum** A. S., Cooke Hndb. n. 2284 – *H. pulicare* var. *minus* DNtrs Ister. pag. 19.

Hab. in sarmentis putrescentibus Ruborum *a Vittorio*, Oct. 1875.

Obs. I. Ob sporidia oblonga, 16 ✻ 4, sæpe curvula, 3-septata, ubique fuliginea (nec utrinque pallidiora), præterea ob perithecia humiliora, læviora, ramulicolas ab *Hyst. pulicare* facile dignoscitur.

Obs. II. Nuper legit cl. SPEGAZZINI *Hysterium* (Gloniopsis) *minimum* Sacc. F. V. ser. IV. p. 27, in ramulis corticatis Fraxini Orni *a Conegliano*, Iunio 1876 – *Hysterium pulicare* Pers. subinde lectum est in Castanea, Olea (M. V. n. 710), Populo, in agro Veneto.

Obs. III. Mihi persuasum habeo *Hysterium australe* Duby (F. V. ser. IV p. 26) statum immaturum esse *Hysterii grammodes* DNtrs, seu *H. Rousselii* β *grammodes* Duby. Statu maturo legi in iisdem truncis decorticatis Oleæ europeæ in Euganeis, Martio 1876. Ejus sporidia oblongata, sæpe curvula, 25 ✻ 8, medio leniter constricta, 4–5–septata, septis 2–4 longit., fuliginea.

194. **Mytilidion decipiens** (Karst.) Sacc. – *Lophium decipiens* Karst. Myc. Fenn. II. 246.

Hab. in ramulis Juniperi communis *a Susigana*, Nov. 1876 (SPEGAZZINI).

Obs. Perithecia subscaphoidea, acutiuscule carinata, minuta, atra; asci cylindracei, 75 ✻ 10–12, breve crassiuscule stipitati, octospori; sporidia subdisticha, oblonga, recta v. curvula, 15–18 ✻ 5, utrinque obtusiuscula, 3–septata, ad septa leniter constricta, lutescentia.

195. **Acrospermum compressum** Tode Meckl. I. p. 8. t. II. fig. 13.

Hab. in foliis dejectis putrescentibus Oleæ europeæ *a Conegliano*, Oct. 1876 (SPEGAZZINI).

Obs. Asci cylindracei 130 ∗ 5, octospori; sporidia filiformia 90–100 ∗ $^3/_4$, continua, hyalina.

196. **Lophodermium juniperinum** (Fr.) DNtrs, Karst. Fenn. II. 243 – M. V. n. 950.

Hab. in foliis emortuis Juniperi communis *a Conegliano*, Oct. 1876 (SPEGAZZINI).

197. **Lophodermium Epimedii** (Ces.) Sacc. M. V. n. 949 – *Hysterium Epimedii* Ces. in Kl. herb. mycol. n. 1567.

Hab. in caulibus emortuis Epimedii alpini *a Susigana*, Aug. 1876 (SPEGAZZINI).

Obs. Asci clavati 80 ∗ 8–9, paraphysibus sursum eximie circinatis obvallati, octospori; sporidia bacillaria, 50–60 ∗ 1 guttulata, hyalina; perithecia oblongo-lanceolata, nitidissima, nigra.

198. **Lophodermium petiolicola** Fckl. Symb. 255 – Sacc. Myc. Ven. p. 157. – ***L. echinophilum** Speg.: peritheciis, abbreviatis, subovatis, applanatis, nitidulis; ascis cylindraceo-clavatis, 110 ∗ 6–7, octosporis; sporidiis bacillari-vermicularibus, 50 ∗ 1–1$^1/_2$, curvatis, hyalinis.

Hab. in spinis capsularum Castaneæ putrescentium *a Conegliano*, Oct. 1876 (SPEGAZZINI).

199. **Hypoderma conigenum** (Fr.) Cooke Hndb. 762.

Hab. in squamis strobilorum Pini sylvestris putrescentibus *a Susigana*, Oct. 1876 (SPEGAZZINI).

Obs. Perithecia labiis albicantibus latiuscule hiantia, contextu tenui. Asci clavati longiuscule stipitati, 90–100 ∗ 12–14, paraphysibus filiformibus sursum curvatis obvallati, octospori; sporidia bacillari-fusoidea, sæpe curvula, 20–22 ∗ 2$^1/_2$–3, pluriguttulata, hyalina. – *Hysterium conigenum* Fr. cl. Karsten in Myc. Fenn. II 235, ad gen. *Hysterium* trahit, sed speciem diversam procul dubio designat.

200. **Hypoderma scirpinum** Duby Hyster p. 41.

Hab. in calamis Scirpi lacustris prope Patavium, Iunio 1876.

201. **Hypoderma virgultorum** DC. Fl. fr. V. 165 – ***H. glandicola** Speg.: peritheciis minutis, abbreviatis, nigris, nitidis; ascis clavatis 110–130 ∗ 10–12, paraphysatis, octosporis; sporidiis stipatis, elongato-fusoideis, 25–30 ∗ 3, 1–2-guttulatis, hyalinis.

Hab. in glandis quercinis putrescentibus *a Conegliano*, Nov. 1876 (Spegazzini).

Obs. Speciem typum legi quoque in caulibus ramisque Vincetoxici (M. V. n. 718; spermog. n. 719), Spirææ Arunci, Vitis, Rosæ.

202. **Hypoderma Hederæ** (Mart.) DNtrs – f. **Evonymi japonici** M. V. n. 951.

Hab. in ejusdem foliis dejectis *a Conegliano*, Oct. 1876 (Spegazzini).

Obs. Asci clavati, stipitati, 90–100 ∗ 12–14, octospori; sporidia fusoidea, 25–28 ∗ $3^1/_2$–4, curvula, 2-nucleata, hyalina.

203. **Hysterographium Megalographa** Anzi (sub *Hysterio* Lich. Ven. n. 172 – *Megalographa hysterina* Mass. Catagr. p. 4.

Hab. in ligno v. cortice duriore salicino in agro Veneto (Anzi l. c.)

Obs. Asci elongato-clavati, 140–160 ∗ 25, crasse tunicati, apice rotundati, stipite sæpe tortuoso breviusculo, octospori; sporidia subdisticha, oblonga, subnavicularia, 35–38 ∗ 12–13, utrinque obtusiuscula, 6–8-septato-muriformia, ad septa, præcipue medium, leniter constricta, flavo-fuliginea. – Ab *H. elongato* Cda (sec. specim. Notaris. e M. Cenisio) vix differt ascis paulo brevioribus, sporidiisque ad medium distinctius constrictis.

Discomyceteæ Fr.

204. **Patellaria Strickeri** (Körb.) Sacc. – *Karschia Strickeri* Körb. Parerg. lichen 460 – *K. nigricans* Rehm. Asc. n. 21.

Hab. in ligno putrescente Carpini Betuli Patavii Ian. 1877 (Bizzozero).

Obs. Cupulæ, thallo nullo insidentes, extus atrorufæ, disco aterrimæ; asci clavati 50–55 ∗ 12, paraphysibus copiosissimis arcte obvallati, octospori; sporidia subdisticha, oblonga, constricto–1–septata, 10–18 $3^1/_4$–4, 2–4–guttulata, dilute fuliginea.

205. **Lecanidion Bagnisianum** Sacc. sp. nov. Cupulis gregariis superficialibus, thallo omnino carentibus, coriaceis, patellaribus $^1/_4$ mill. diam., aterrimis, margine paululum elevato, obtusiusculo; ascis cylindraceo-clavatis, breve crassiuscule stipitatis, 70 ∗ 12, apice rotundatis, paraphysibus sursum coalescentibus fuscisque obvallatis, octosporis; sporidiis distichis oblongo-fusoideis, 12 ∗ $4^1/_2$, utrinque obtusiusculis, rectis, initio 4–nucleatis, dein 3–septatis, non constrictis, hyalinis.

Hab. in ligno denudato betulino Romæ (C. Bagnis).

Obs. *Opegrapha Lecanactis* Mass., ut jam monuerat cl. Rehm in Sacc. Mycoth. Ven. n. 263, secundum quoque specimina a cl. Baglietto lecta et a cl. Anzio ad me missa perfecte convenit cum *Lecanidio atrato* (Hedw.) Rabh.

206. **Cenangium Ligustri** (Tul.) Fckl. Symb. mycol. 268.

Hab. in ramis Ligustri japonici emortuis *a Conegliano,* Oct. 1876 (Spegazzini).

Obs. Asci cylindraceo-clavati, deorsum attenuati, apice obtusati, 100–110 ∗ 18, paraphysibus filiformibus obvallati, myriospori; sporidia minutissima, botuliformia, 4 ∗ 1, hyalina.

207. **Cenangium dolosum** Sacc. et Sp. sp. nov. Cupulis sparsis corticolis, innato-erumpentibus, initio et siccis clausis, udis urceolato-apertis, fibrosis, coriaceis, duris, aterrimis $^1/_2$–$^3/_4$ mill. diam., ascis clavatis breve crassiuscule stipitatis, 80–100 ∗ 10–13, paraphysibus filiformibus obvallatis, octosporis; sporidiis subdistichis, biconico-fusoideis 22–25 ∗ 6–7, medio constricto–1–septatis, rectis curvulisve, 4–guttulatis, hyalinis.

Hab. in ramulis corticatis Coryli Avellanæ *a Conegliano,* Dec. 1875 (Spegazzini).

Obs. I. A *Cenangium Coryli* Cda Icon. V. t. IX. fig. 63 certe diversum.

Obs. II. *Cenangium Rosæ* Sacc. Myc. Ven. 160 t. XVI. f. 19–22, aptius forte ad genus *Peziculam* ducendum, prope *P. rhabarbarinam* (Bk.) Tul.

208. **Coccomyces Pini** (A. S.) Karst. Myc. Fenn. I. 254 – M. V. n. 1100 – ***Phacidium Pini*** (A. S.) Fr., Mycoth. Univ. n. 174.

Hab. in cortice ramulorum Pini sylvestris *a Susigana,* Sept. 1876 (Spegazzini).

Obs. Asci cylindraceo-clavati, noduloso-stipitati, 120–130 * 15, paraphysibus filiformibus apice incrassati, obvallati, octospori; sporidia bacillari-fusoidea, 60–70 * 3–4, pluriguttulata, tortuosa, hyalina; non ut inscribitur in schedula M. V. n. 1100; quæ descriptio, ex errore, ad *Coccomycetem Iuniperi* Karst. Fenn. I. 254 seu *Colpoma juniperinum* Rehm Asc. n. 272 spectat.

209. **Coccomyces coronatus** (Fr.) DNtrs in Erb. critt. ital. ser. I. n. 236. – Karst. Fenn. I. p. 256 – *Lophodermium Phacidium* DNtrs Pir. ister. p. 42 – *Phacidium coronatum* Fr. f. *Fagi* Thüm. F. Austr. n. 973.

Hab. in foliis dejectis fagineis in sylva *Cansiglio,* Oct. 1875.

Obs. I. Asci clavati 140 * 15–16, longe crassiuscule stipitati, apice subtruncati, paraphysibus filiformibus apice curvatis obvallati, octospori; sporidia bacillaria v. subclavulata, 4–5–nucleata, v. varie guttulata, hyalina.

Obs. II. *Coccomyces dentatus* Kze et Schm.) Sacc. optime differt ascis breve stipitatis, 110 * 12, cylindraceis, paraphysibus non curvatis, sporidiis filiformibus asco paulo brevioribus, $1-1^1/_2$ crassis, eguttulatis. Ejus status spermogonicus est *Leptostroma quercinum* Lasch., spermatiis bacillari-navicularibus, 9 * $1^1/_2$, hyalinis – Utraque forma in foliis quercinis in sylva *Montello,* autumno.

210. **Phacidium Trifolii** (Bernh.) Boud., Cooke Hndb. p. 753 – M. V. n. 721.

Hab. in foliis Trifolii repentis *a Selva*, Aug. 1875.

Obs. Asci oblongo-clavati, 80 * 15, brevissime stipitati, paraphysibus filiformibus crassiusculis obvallati, octospori; sporidia disticha, oblongo-ellipsoidea, 12 * 7–8, 2–guttulata, hyalina. An satis a *Ph. Medicaginis* Lib. diversum?

211. **Phacidium radians** Rob. et Dmz. Crypt. ed. II. n. 750, et in Ann. Scienc. nat. 1842, IX Notic. p. 26 – ***Ph. sibiricum**: cupulis sporidiis quam in typo majoribus.

Hab. in utraque pagina foliorum Campanulæ sibiricæ *a Conegliano*, Nov. 1876 (Spegazzini).

Obs. Cupulæ atræ erumpentes e macula atra vaga (ut *Pseudopeziza Ranunculi* (Wallr.) Fckl., Thüm. M. U. n. 518, cui peraffine; non vero ut *Phacid. Ranunculi* Dmz., Cooke Hndb. 753 et F. B. ed. II. n. 452, quod cum *Niptera congeneri* (Ces.) DNtrs. Discom. p. 371 ob sporidia bilocularia convenit) – Asci cylindraceo-clavati, breve noduloso-stipitati, 70–75 * 10–11, paraphysibus crassiuscule filiformibus obvallati, octospori; sporidia disticha oblonga, 11–13 * 4–4½, utrinque obtusiuscula, 2–guttulata, hyalina. Cl. Karsten in typo observavit ascos 40–50 * 6; sporidia 8–10 * 2–2½.

212. **Trochila Laurocerasi** (Dmz.) Fr. – M. V. n. 726 **f. Photiniæ serrulatæ.**

Hab. in ejusdem foliis putrescentibus *a Conegliano*, Oct. 1876 (Spegazzini).

Obs. Asci cylindracei 60 * 7, breve stipitati, paraphysati, octospori; sporidia fusoidea v. clavulata, 8 * 2½, utrinque minute 1–guttulata, hyalina.

213. **Stictis nivea** Pers. Myc. Eur. I. 339. Fr. syst. myc. II. 196. DNtrs. Micr. ital. Dec. I. fig. 5. – *Schmitzomia nivea* DNtrs., Niessl. Beitr. p. 64 t. VII. fig. 51 (cum descript. conid.) – *Propolis Pinastri* de Lacr., Fckl. Symb. 255.

Hab. in acubus Pini montanæ languidis in Horto Botanico Patavino, Dec. 1876 (Bizzozero).

Obs. Vegetatio propolidea, fructificatio stictidea. Asci cylindraceo-clavati apice rotundati, 120 ✶ 15, paraphysibus nullis mihi visis; sporidia vermiculari-bacillaria, utrinque obtusiuscula, 85–95 ✶ $3^1/_2$–4, nubilosa, hyalina.

214. **Stictis Saccardoi** Rehm., M. V. n. 258, F. V. ser. V. 184. f. **Equiseti**: ascis 130 ✶ 8; sporidiis filif. 120 ✶ 1 – f. **Humuli**: ascis 180 ✶ 10; sporidiis filif. 180 ✶ 1 minutissime guttulatis – ***S. pallidula**: disco immerso pallide luteolo, subcirculari, $^1/_3$–$^1/_2$ mill. diam., limbo erecto candidissimo, vix crenulato cincto; ascis cylindraceis subsessilibus, 150 ✶ 9, paraphysibus filiformibus, rectiusculis, obvallatis, octosporis, jodii ope non cœrulascentibus; sporidiis filiformibus, curvulis, 120 ✶ 2–$2^1/_2$, initio pluriguttulatis, dein 20–30–subcuboideo-nucleatis hyalinis.

Hab. f. *Equiseti* et f. *Humuli* in eorum caulibus in agro Tarvisino; f. *pallidula*, quæ forte specifice distinguenda, in ramulis emortuis Rosæ centifoliæ *a Selva*, Sept. 1875. Hæc a *Schizoxyli* Fckl. speciebus longius distat – Vera *St. radiata* Pers. lecta est in lignis putrescentibus *a Conegliano*, Oct. 1876 (Spegazzini).

215. **Stictis Pupula** Fr., Wallr. Crypt. p. 444 – *Schmitzomia Pupula* Fr., Karst. Myc. Fenn. I. p. 238.

Hab. in ramis emortuis Rhamni cathartici *a Conegliano*, Nov. 1876 (Spegazzini).

216. **Propolis alba** Sacc. Myc. Ven. p. 157 t. XVI fig. 1–2, an Fr. – Huc spectat forma *lactea Propolis versicoloris* (Fr.) Fckl., Rehm Asc. n. 76, Cooke F. B. ed. II. n. 463.

217. **Habrostictis rubra** Fckl. Symb. myc. p. 250.

Hab. in ramis corticatis Ulmi campestris, aut. 1874 et 1876, rarius.

Obs. Cupulæ erumpentes urceolato-patellares, sordide rubræ, margine albido-denticulatæ, excipuli contextu distincte cellulari, rubello; asci cylindrici, breve

tortuoso-stipitati, 60–70 ∗ 5, paraphysibus sursum clavulatis obvallati; octospori; sporidia fusoidea, rarius subclavulata, curvula, 14–16 ∗ $2^1/_2$, hyalina,

218. **Cryptodiscus major** Sacc. sp. nova. Cupulis sparsis, discoideis, $^1/_3$ mill. diam., initio epidermide velatis, dein erumpenti-superficialibus, carnosulis, roseis, disco convexiusculo immarginatis; ascis clavatis, breve stipitatis, 100 ∗ 16–18, paraphysibus filiformibus obvallatis, octosporis; sporidiis subdistichis fusoideis, inæquilateralibus, 22–28 ∗ 7–8, utrinque obtusiusculis, 4–cuboideo-nucleatis dein spurie 3–septatis, medio constrictis, hyalinis.

Hab. in ramulis emortuis Punicæ Granati *a Conegliano,* Oct. 1876 (Spegazzini).

Obs. A *Cr. Cesatii* Mtgn. Hedw. I. 102 t. XIV fig. F. differt cupulis conspicue majoribus, ascis sporidiisque quoque paulo majoribus.

219. **Ascomyces aureus** (Pers.) Magn. Hedw. 1875 p. 2 – *Taphrina aurea* (Pers.) Tul., Magn. Hedw 1875 p. 97 cum icone, Rehm. Asc. n. 273. – *Exoascus Populi* Thüm. Myc. Univ. n. 80 et in Hedw. 1874 p. 98-149.

Hab. in pag. inf. foliorum vigentium Populi nigræ, quæ hinc inde excavata fiunt, *a Conegliano,* Majo 1876 (Spegazzini).

220 **Exoascus deformans** (Bk.) Fckl. Symb. p. 252 – *Ascomyces deformans* Bk. Outl. p. 376. – *Taphrina deformans* Tul. Ann. Sc. nat. 1866.

Hab. in foliis Persicæ vulgaris quæ proinde contorto-bullosa fiunt, *a Padova,* Majo 1876.

221. **Exoascus bullatus** (Bk.) Fckl. Symb. Myc. App. II. 49 – Thüm. F. A. n. 972 – *Ascomyces bullatus* Bk. Introd. Crypt. Bot. p. 284.

Hab. in foliis Piri communis, quæ excavato-bullosa hinc inde fiunt, *a Selva, Padova,* æstate.

222. **Calloria succinella** Sacc. nov. spec. Cupulis sparsis, superficialibus applanato-patellatis, margine vix prominulo, minutissimis, $^1/_6$–$^1/_8$ mill. diam., e hyalino dilutissime succineis; ascis cylindraceo-clavatis, apice subtruncatis, 45–50 ∗ 6, basi brevissime noduloso sti-

pitatis, paraphysibus filiformibus sursum vix incrassatis obvallatis, octosporis; sporidiis laxe distichis, cylindraceis, rarius subclavulatis, 6 * 2, utrinque 1-guttulatis, hyalinis.

Hab. in culmis putrescentibus Zeæ Maydis, Dec. 1876 *a Pianzano* (SPEGAZZINI).

Obs. I. Inter *C. fusarioidem* (Bk.) Tul. et *C. diaphanam* Rehm. Asc. n. 210 fere media.

Obs. II. *Calloriam vinosam* (A. S.) Fr. genuinam legi in sarmentis Menispermi canadensis *a Padova*, Iul. 1876, ejusque asci cylindracei 35 * 5, paraphysibus filiformibus sursum lenissime incrassatis obvallati, octospori; sporidia acicularia, sæpe curvula, 13-14 * $^2/_4$-1, hyalina. Species homonyma in Sacc. F. Ven. ser. IV p. 30 ad formam deminutam Habrostictis rubræ Fckl. spectat.

223. **Calloria? miniata** (Batsch sub Peziza, Elench. II. p. 207 fig. 144).

Hab. in ligno fagineo putri *in Cadore,* æstate 1874 (VENZO), et *a Conegliano*, Apr. 1876 (SPEGAZZINI).

Obs. Cupulæ obconicæ, v. brevissime stipitatæ, rubræ dein pallide succineæ, subcartilagineæ, margine pellucido-plicatæ. Nucleus sterilis. An huc quoque *P. hæmatites* Wallr., *Calloria rubella* Fckl,, nec non *Pezizella rubella* Fckl.?

224. **Calloria leucostigmoides** Sacc. nov. spec. Cupulis superficialibus, sparsis, scutellaribus, sessilibus, minutissimis $^1/_3$-$^1/_4$ mill., dilute chlorino-flavis, diaphanis, lævissimis, glabris, jugiter (et in sicco) apertis; ascis clavulatis, 30-3$^1/_2$-4, aparaphysatis, octosporis; sporidiis (immaturis?) cylindraceis, curvulis, minutissimis, 4-5 * $^3/_4$, hyalinis.

Hab. in caulibus herbarum majorum in sylva *Montello*, non raro, autumno 1875-1876.

225. **Calloria vulgaris** (Fr.) Sacc. *Peziza vulgaris* Fr., Kk. Fl. crypt. Flandr. I. p. 480 - *P. albella* With.

Hab. in ramis ulmeis sub cortice secedente *a Conegliano,* aut. 1876 (SPEGAZZINI).

Obs. Asci cylindraceo-clavati, 50 * 7, paraphysi-

bus filiformibus obvallati, octospori; sporidia disticha cylindracea, v. clavulata (immatura visa).

226. **Calloria Antenorea** Sacc. nov. spec. Cupulis sparsis, superficialibus, sessilibus, plano-scutellaribus, minutis, $^1/_5$–$^1/_8$ mill. diam., margine depresso obtusiusculo, pallide flavis, subdiaphanis; ascis cylindraceis, deorsum attenuatis, apice rotundatis, 50–60 ✶ 8, paraphysibus filiformibus obvallatis, octosporis; sporidiis distichis cylindraceis utrinque rotundatis, curvulis, 10 –11 ✶ 2–3, minute 2–3-guttulatis, hyalinis.

Hab. in ligno v. cortice interiore Laurocerasi *a Padova,* Martio 1877 (Bizzozero).

Obs. A *Call. chrysostigmate* et *C. xanthostigmate* ascis sporidiisque diversa.

227. **Micropeziza** (Pyrenopeziza) **rufula** Sacc. sp. nov. cupulis superficialibus sparsis, patellari-scutellatis, sessilibus, minutissimis, $^1/_4$–$^1/_5$ mill. diam., margine crassiusculo, lævibus, glabris, tenacellis, rufis extus obscurioribus; ascis cylindraceis deorsum parum attenuatis, 45 ✶ 4, paraphysibus filiformibus obvallatis, octosporis; sporidiis oblique monostichis v. distichis, cylindraceis, curvulis, 7–9 ✶ $1^1/_2$, hyalinis.

Hab. in culmis putrescentibus graminum in sylva *Montello,* Aug. 1876.

Obs. Similis *Micropezizæ Poæ* Fckl. et *M. Puncto* Rehm, a quibus exiguitate et colore cupulæ non collabentis nec margine crispæ dignoscitur.

228. **Pyrenopeziza Chailletii** (Pers.) Fckl. Symb. myc. p. 294.

Hab. in caulibus putrescentibus Fæniculi dulcis *a Conegliano,* Oct. 1876 (Spegazzini).

Obs. Cupulæ erumpentes initio et siccæ clausæ, sphærioideæ, tandem et udæ apertæ extus atræ rugosæ, disco margineque subcrenulato pallidioribus, asci clavati, apice acutati, parce paraphysati, octospori; sporidia cylindracea, subinæquilateralia, 14–18 ✶ 3–4, utrinque 1-guttulata, hyalina – Ab *Heterosphæria Patella* Fr. et *Heteropatella lacera* Fckl. bene diversa.

229. **Pyrenopeziza foliicola** (Karst.) Sacc. M. V. n. 957 *Mollisia foliicola* Karst. Fenn. I. p. 201.

Hab. in foliis putrescentibus Quercus pedunculatæ *a Conegliano*, Majo 1876 (SPEGAZZINI).

Obs. Asci clavato-oblongi, 20–25 ✶ 5, paraphysati, octospori; sporidia fusoidea, 7–8 ✶ $1^1/_2$–2, hyalina – Verisimiliter huc spectat *Peziza Rabenhorstii* Awd. in Herb. mycol. n. 222, DNtrs Prof. Discom. in Comm. critt. ital. I p. 368 – *P. Massoniana* DNtrs olim, Tassi Fl. Sen. p. 61., sed specimina authentica non vidi.

230. **Tapesia fusca** (Pers.) Fckl. Symb. p. 302, Rehm. Asc. n. 153 – *Peziza fusca* Pers., Phillips Helv. brit. n. 77.

Hab. in lignis putrescentibus *a Selva, Cansiglio, Padova,* aut. 1875-76.

Obs. Huic affinis est *Niptera Riccia* Sacc., quæ differt subiculi defectu et cupulis plerumque magis stellato-sinuosis; an tamen rite distincta?

231. **Tapesia variicolor** (Fr.) Fckl. var. **fusco-umbrina** Fr., Fckl. Symb. p. 302.

Hab. ad lignum populinum *a Selva*, Novembr. 1873 et *Padova* Dec. 1876.

Obs. Cum cupulis adest status conidiophorus: *Tricholeconium fuscum* Cda. I c. V t. II f. 20. Acervuli in tapetum plus minus late effusi, pallide ochracei, velutini; hyphæ ascendentes, septatæ, fuscæ, eximie sinuosæ, intricatæ, sursum subhyalinæ, asperulæ; conidia ad basim hypharum copiosissima, cylindrica, recta, hyalina, 6–7 ✶ $^3/_4$, in sterigmatibus filiformibus, continuis, subhyalinis, 20 ✶ $^3/_4$, acrogena. – Cupulæ scutellares, sessiles, plerumque tapeto conidiophoro insidentes, extus fusco-griseæ villosulæ, præsertim ad marginem pilis simplicibus, septatis, fuligineis 120–130 ✶ 3 sursum asperulis, pallidis (hyphis analogis) ornatæ, disco flavido; asci cylindraceo-clavati, 70 ✶ 6 –$6^1/_2$, p. s. 50 lga, paraphysibus (spuriis?) filiformibus obvallati, octospori; sporidia disticha, fusoidea, curvula, 8–10 ✶ $1^1/_2$–2, nucleo medio bipartito, ideoque spurie 1–septata, hyalina.

232. **Belonidium auratum** (Fckl.) Sacc. – *Arachnopeziza aurata* Fckl. symb. myc. 304 – Cooke, Grevillea t. 51 fig. 252.

Hab. in lignis quercinis udis putrescentibus *a Selva, Bavaria*, Aug. Sept. 1875–1876, rarius.

Obs. Asci clavati, deorsum attenuati, 110 ∗ 10, paraphysibus filiformibus obvallati, octospori; sporidia bacillaria, curvula, 45–50 ∗ $2^1/2$, pluriguttulata, hyalina.

233. **Lachnella barbata** Fr. – ***L. rhodophæa**: habitu et colore extus *L. barbatæ*, sed disco non albido sed amœne roseo; ascis cylindraceo-clavatis, 90 ∗ 5, octosporis; sporidiis cylindraceis curvulis, utrinque obtusiusculis, 12–13 ∗ 3, hyalinis.

Hab. in lignis putrescentibus Ulmi etc. *a Conegliano, Selva*, aut. 1876.

Obs. Ad *Lachn. flammeam* (A. S.) Fr. quoque vergit, sed extus non rufa.

234. **Lachnella brunneola** (Dmz. sub *Peziza*) Sacc. – *Lachnum brunneolum* Karst. Fenn. I. 180 – *Pez. brunneola* Desm. Ann. Sc. nat. ser. II. vol. XVII. p. 96.

Hab. in foliis dejectis quercinis in sylva *Montello*, aut. 1873.

235. **Dasyscypha** (Batsch) Fckl. – ***D. testacea**: cupulis quam in typo amplioribus, usque $1^1/_4$ mill. diam., disco saturate testaceo; ascis cylindraceis, 50–5; sporidiis fusoideis v. clavulatis, 7–8 ∗ 2, eguttulatis hyalinis.

Hab. in lignis cariosis *a Padova*, Febr. 1876.

236. **Trichopeziza punctiformis** (Fr.) Fckl., Rehm. Ascom. n. 309.

Hab. iu lignis cariosis caulibusque putrescentibus *a Padova e Selva*, aut. 1874–75.

237. **Hyalopeziza patula** Fckl. Symb. p. 298 an *P. patula* Pers.? – *Pseudohelotium puberulum* (Lasch?) Thüm. F. A. n. 930.

Hab. in foliis putrescentibus quercinis *a Conegliano*, Oct. 1876 (Spegazzini).

Obs. I. Asci cylindraceo-clavati, 60 ∗ 7, parce pa-

raphysati, octospori; sporidia oblongo-clavulata v. subfusoidea, 8–10 ✱ 3–4, hyalina.

Obs. II. *Hyalopeziza ciliaris* (Schrad.) Fckl. statim dignoscitur sporidiis fere duplo longioribus, 18–20 ✱ 2–3; ascis clavato-cylindraceis, 70–80 ✱ 7–8; disco initio albicante, dein lutescente. Hæc in foliis quercinis et castaneis, nec non spinis capsuarum Castaneæ, frequens.

238. **Stamnaria Persoonii** (Fr.) Fckl. Symb. myc. p. 309 – M. Ven. n. 953. – Thüm. M. V. n. 125 – *Peziza Persoonii* Moug.

Hab. in caulibus ramisque Equiseti palustris *a Conegliano*, Aug. 1876 (Spegazzini).

239. **Pocillum Cesatii** DNtrs Prof. Disc. in Comm. critt. I. 361. – M. V. n. 952. – *Helotium Cesatii* Mtgn. Syll. p. 187.

Hab. in foliis dejectis quercinis *a Conegliano*, Apr. 1876 (Spegazzini).

Obs. Asci cylindrici, 150 ✱ 8, apice truncati, paraphysibus sursum clavatis viridulisque obvallati, octospori; sporidia filiformia, 130 ✱ 1, hyalina.

240. **Ciboria bolaris** (Batsch) Fckl. Symb. p. 311. – *Peziza bolaris* Batsch Elench. p. 221 fig. 155.

Hab. in caulibus herbarum majorum (Humuli?) Patavii, Febr. 1876.

Obs. I. Claviformis, stipitata, rigidula, sed fragilis, extus margineque obtusiusculo vix elevato ruguloso-furfuracea, stramineo-castanea, disco plano-concavo, saturatiore; stipite cylindraceo $1/2$ mill. alto concolore; nucleo albido fibrilloso; cupula $1/2$–$3/4$ mill. diam. Pari fere jure ad *Helotium* trahi potest.

Obs. II. In cupulis glandibusque quercinis in sylva *Montello*, Oct. 1876 legi *Ciboriam echinophilam* (Bull.) Sacc. perfecte eamdem ac in involucris Castanearum.

241. **Helotium sarmentorum** DNtrs Prof. Discom. in Comm. critt. I. 379.

Hab. in sarmentis emortuis Vitis viniferæ *a Conegliano*, Oct. 1876 (Spegazzini).

Obs. Cupulæ subsessiles, convexulæ, rufo-aurantiacæ; asci clavati 90–100 * 15, deorsum attenuati, paraphysibus filiformibus obvallati, octospori; sporidia ovato-oblonga, utrinque acutiuscula, sæpe inæquilateralia, 20–22 * 6–7, 2–4-guttata, hyalina.

242. **Helotium querceti** Sacc. sp. nov. Cupulis sessilibus centro-punctiformi adfixis, applanatis, scutellaribus, vix $^1/_4$ mill. diam., lævibus, glabris, siccis quandoque subcontortis sed apertis, ex albido roseis; ascis cylindraceo-clavatis, breve stipitatis, 50–55 * 7–8, paraphysibus crassiuscule filiformibus obvallatis, octosporis; sporidiis distichis cylindraceo-fusoideis sub-bacillaribus, 12–14 * $1^1/_2$–2, bi-trinucleatis indeque spurie 1–2-septatis, hyalinis.

Hab. in foliorum pag. inf. Quercus pedunculatæ in sylva *Montello*, Oct. 1875.

Obs. *Helotio epiphyllo* (Pers.) Fr. subaffine, at rite distinctum.

243. **Helotium punctatum** (Grev.) Fr., Cooke Hndb. p. 715, nec *Peziza punctiformis* Auctorum.

Hab. in foliis quercinis dejectis *a Padova e Conegliano*, aut. 1875-76.

Obs. Cupulæ minutæ, $^1/_4$–$^1/_5$ mill. diam., sessiles, centro punctiformi adfixæ, denique applanatæ, disco albido, subinde lutescente, extus margineque crenulato albido-pilosellæ; asci cylindraceo-clavati, deorsum longiuscule attenuati, 40 * 4, octospori; sporidia disticha fusoidea, 6 * $1^1/_2$, utrinque minute 1-guttulata, hyalina – *Hel. punctoideum* Karst. Fenn. I. 151 huic peraffine videtur.

244. **Helotium subtile** Fr. ***H. proximellum** Karst. Myc. Fenn. I. 132.

Hab. in acubus putrescentibus abietinis *a Susigana*, Dec. 1876 (Spegazzini).

Obs. Cupula convexula, epithecio candido, stipite fulvo, cupulæ diametrum paululum superante; ascis fasciculatis, clavato-cylindraceis, sæpe e basidio unico pluribus orientibus, 35–40 * 4, octosporis; sporidiis cylindraceo-fusoideis, 5 * $1^1/_2$, hyalinis.

245. **Pithya cupressina** (Batsch) Fckl. Symb. 317 – M. V. n. 729 – *Peziza Cupressi* Batsch Elench. I. 119 – *Fungoides aureum* etc. Micheli Nova gen. p. 207 t. 86 fig. 20.

Hab. in ramulis foliisque languidis Iuniperi virginianæ in Horto botanico Patavino, Nov. 1875.

246. **Plectania melastoma** (Sow.) Fckl. Symb. p. 324 *Peziza melastoma* Sow. – *P. rhizopus* A. S. (st. juvenilis.)

Hab. in trunculis putrescentibus et humo obvolutis a *Monselice* (*Padova*), Majo 1876 (Bizzozero).

Obs. Asci cylindrici, deorsum sensim longe attenuati, p. s. 130–140 ⁎ 15, paraphysibus filiformibus obvallatis octospori; sporidia oblique monosticha, oblongo-ellipsoidea, 20–22 ⁎ 10–11, nubilosa, hyalina.

247. **Pyronema aurantio-rubrum** Fckl. Symb. p. 319 – ***P. pallens**: cupulis sparsis dilute aurantiacis, subgelatinoso-pellucidis, patellatis, marginatis, sessilibus, $^1/_2$–1 mill. diam.. hyphis albis radiantibus cinctis; ascis cylindraceo-clavatis, deorsum attenuatis, 55–65 ⁎ 8, paraphysibus filiformibus obvallatis, octosporis; sporidiis oblique monostichis, ellipsoideis utrinque acutiusculis, 5–6 ⁎ 3, 2-guttulatis, hyalinis.

Hab. in corio putrescente a *Conegliano,* Nov. 1876 (Spegazzini).

248. **Ascobolus furfuraceus** Pers. Syn. p. 286 – Karst. Fenn. I. p. 76.

Hab. in fimo vaccino putri a *Conegliano,* Nov. 1876 (Spegazzini).

Obs. Asci cylindraceo-clavati, deorsum longe attenuati, p. s. 100–120 ⁎ 25, octospori; sporidia subdisticha, oblongo-ellipsoidea, 25–30 ⁎ 12–14, longitudinaliter striata, violacea.

249. **Peziza** (Leucoloma) **Chateri** Sm., Cooke Mycogr. fig. 62 – Phillips Helv. britt. n. 58.

Hab. ad terram muscosam Horti botanici Patavini, Iulio 1876 (Bizzozero).

Obs. Asci cylindracei p. s. 110 ⁎ 10, paraphysibus filiformi-clavulatis, roseo-guttulatis obvallati, octo-

spori; sporidia oblique monosticha, oblongo-ellipsoidea, 16–18 * 7–8, muriculata, granulosa, hyalina – Cupulæ rubræ excipulum rubro-fuscum.

250. **Peziza** (Leucoloma) **carnea** (Pers.) Karst. Fenn. I. p. 60 – *Ascobolus carneus* Pers. – *Leucoloma carnea* (Pers.) Rehm. Asc. n. 2 – f. **minor.**

Hab. in fimo vaccino *a Conegliano,* Nov. 1876 (Spegazzini).

Obs. Asci clavato-cylindracei, deorsum attenuati, 80–90 * 18–20, paraphysibus sursum leniter incrassatis, curvulisque obvallati, octospori; sporidia oblongo-ellipsoidea, 16–20 * 7–8, eguttulata, hyalina.

251. **Peziza** (Humaria) **patavina** Cooke et Sacc. in Cook. Mycogr. ined.

Hab. in humo umbrosa in calidariis Horti botanici Patavini, Dec. 1876.

Obs. Asci cylindrici p. s. 100–110 * 18–20, octospori; sporidia oblongo-ellipsoidea, utrinque obtusiuscule attenuata 26–28 * 11–12, extus lævia, nubilosa guttulata, hyalina. Cupulæ sessiles, scutellatæ, miniatæ, extus pilosulæ.

252. **Peziza** (Humaria) **trechispora** Cuvr., Cooke Mycogr. fig. 129.

Hab. in ligno putri quercino in sylva *Montello,* Sept. 1876.

Obs. Asci cylindrici, crassissimi, apice obtusato-truncati, paraphysibus sursum clavatis roseis obvallati, octospori; sporidia monosticha, perfecte sphærica, 18–19 diam., ubique muriculata, hyalina.

253. **Peziza** (Humaria) **hirta** Schum., Cooke Mycogr. fig. 128 – *Hum. scutellata* Cooke F. B., Sacc. etc. p. p. (forma breviciliata).

Hab. in fragmentis ligneis putridis in sylva *Montello,* aut. 1874.

Obs. Sec. cl. Cooke in litt. *Humaria setosa* Sacc. F. V. ser. IV. pag. 38 sistit formam *H. scutellatæ* (L.) Fckl. Genuinam *H. scutellatam* edidi in M. V. n. 955.

254. **Peziza** (Humaria) **Saccardiana** Cooke Mycogr. ined.

Hab. ad terram udam in agro Tarvisino, 1874 aut., et prope *Tregnago* (Verona) Aug. 1875 (C. Massalongo).

Obs. Asci cylindracei, p. s. 150 * 13, octospori; sporidia ellipsoidea 15 * 8, asperula, 1–guttulata e hyalino dilute fuscella – Cum *Peziza brunneo-atra* Dmz., Cooke Mycogr. fig. 78 comparanda.

255. **Peziza** (Phæopezia nov. gen.?) **apiculata** Cooke in Mycogr. ined.

Hab. in cortice dejecto putri abietino *a Selva*, Aug. 1875.

Obs. Cupulæ sessiles, scutellatæ, circ. 2 mill. diam., tenacellæ, atræ, læves, glabræ, disco concavo; asci cylindracei, deorsum crassiuscule attenuati, apice subtruncati, 200 * 18, paraphysibus filiformibus, septulatis obvallati; sporidia oblique monosticha, oblongo-ellipsoidea, utrinque breve mucronata, 20–22 * 10, atrofusca (etiam mucrones fusci).

256. **Peziza** (Otidea) **tincturella** Cooke et Sacc. in Cooke Mycogr. ined.

Hab. ad terram humidulam in calidariis Horti botanici Patavini Ian. 1877.

Obs. I. Cupulæ sessiles, radicatæ, 6–8 mill. diam., aquose ochraceæ, udæ umbilicato-applanatæ, margine sinuosæ, siccæ eximie contortæ, tenacellæ; asci cylindrici, longissimi, p. s. 130 * 8–9, paraphysibus filiformibus obvallati, octospori; sporidia ellipsoidea, utrinque rotundata, 15–16 * 8–8$^1/_2$, 2–guttulata, hyalina.

Obs. II. Sec. cl. Cooke *Crouania humosa* Fckl., Rehm, et Sacc. Myc. Ven. p. 166 (excl. forma in charta bibula) est nova species, quæ ab ipso (Mycogr. fig. 81) *Peziza Constellatio* nuncupatur; dum vera *Pez. humosa* Fr. diversam sistit speciem (Mycogr. fig. 25).

Myxomyceteæ *de Bary.*

257. **Arcyria cinerea** (Bull.) Fr. Syst. mycol. III. p. 180 – *Trichia cinerea* Bull. Champ. t. 477. fig. 3.

Hab. in lignis putrescentibus *a Selva*, Aug. 1875 rarius.

Obs. Convenit cum speciminibus germanicis a cl. G. WINTERO communicatis.

258. **Comatricha physaroides** (A. S.) Sacc. – *Stemonitis physaroides* A. S. Lusat. p. 103 t. II. fig. 8. Fr. Syst. myc. III. 162.

Hab. in lignis quercinis udis, putrescentibus in sylva *Montello,* Sept. 1876, rarius.

Obs. I. Affinis *Comatrichæ Friesii* de By, a qua statura elatiore, robustiore, sporisque majoribus et saturatius fuscis recedit.

Obs. II. In lignis putridis quercinis in sylva *Montello*, Sept. 1876, legi *Trichiam nigripedem* Pers.; inque foliis putridis Platani *ad Altichiero* (*Padova*), denuo reperi *Craterium leucocephalum* Pers., Sacc. F. V. ser. IV. p. 40. Ejus sporæ globosæ, $7^1/_2$–8 diam., atroviolaceæ.

FUNGI ITALICI autographice delineati a prof. P. A. SACCARDO. Patavii 1877.

Hujus operis Majo 1877 editi sunt fasciculi I-IV, continentes tabulas coloratas 1-160. Sequitur earum index, secundum numerum tabularum; additis fungorum novorum diagnosibus.

1. **Titæa callispora** Sacc. – Mycoth. Ven. n. 571 – Fungi Ven. ser. V p. 193, ubi descriptio novi generis et speciei.
2. **Staurochæta minima** Sacc. – Fung. Ven. ser. IV p. 41, ubi descriptio novi generis et speciei.
3. **Patinella hyalophæa** Sacc. – Nov. Ascom. in Grevillea IV p. 22 (descript. nov. generis) – Fungi Veneti ser. IV p. 29 (descript. novæ speciei).
4. **Passerinula candida** Sacc. – Nov. Ascom. in Grevillea IV p. 21 (descript. nov. speciei) – Fungi Veneti ser. IV p. 22 (descript. novæ speciei).

5A. **Acrothecium pumilum** Sacc. sp. nov. Hyphom. Hyphis fertilibus erectis, gregariis, filiformibus ima basi leniter incrassatis, 200 ⁎ 6–7, pluriseptatis, fuligineis, sursum pallidioribus; sporis (conidiis) in hypharum apice densiuscule capitato-congestis, oblongo-fusoideis, 20–22 ⁎ 5, in basim acutatis, 5–7-septatis, non constrictis, hyalinis.

Hab. in squamis rachidis spicæ Maydis putrescentibus *a Selva*, Oct. 1874.

Obs. Ab *A. atro* (Pr.) Sacc. (ic. nostr. 5B) conidiis crebrioribus et fere uno puncto orientibus differt; ab *A. polyseptato* Pr. (sub Cordana) conidiis nec obovatis nec fuscis distat.

5B. **Acrothecium atrum** (Pr.) Sacc. – *Rhinotrichum atrum* Pr. in Sturm. D. C. F. Heft 25 t. 22 (status immaturus, ut videtur).

Hab. in ligno salicino nec non in Helotio salicello putri *a Selva*, Oct. 1874.

Obs. Conidia initio oblongo-clavulata, continua, tandem 4–8–septata, 24 ✱ 6, prope hypharum apicem nodulosum inserta, hyalina.

6A. **Acrothecium tenebrosum** (Pr.) Sacc. – *Cacumisporium tenebrosum* Pr. in Sturm D. C. F. Heft 35 t. 11.

Hab. in ligno putri fagineo in sylva *Cansiglio*, Oct. 1874.

6B. **Acrothecium bulbosum** Sacc. – *Graphium macrocarpum* Sacc. Mycol. Veneta p. 187, non Corda – Hyphis erectis, gregariis, filiformibus e basi maxime incrassata cellulosa orientibus, simplicibus (non fasciculatis), pluriseptatis, fuligineis; conidiis capitatis, in ramulis cylindraceis erectiusculis pallidis prope hypharum apicem nascentibus, acrogenis, oblongis, v. subfalcatis, 20–25 ✱ 7–8, 2–3–septatis, hyalinis denique dilute fuligineis – Capitula primitus strato gelatinoso obvoluta.

Hab. ad truncos dejectos udos Patavii, Febr. 1874.

Obs. Affine *Acrothecio tenebroso*, a quo præcipue hyphis basi maxime incrassatis recedit.

7A. **Acrothecium pauciseptatum** (Pr.) Sacc. – *Cordana pauciseptata* Pr. Fung. Hoyersw. p. 129.

Hab. in ligno acerino putri *a Selva,* Sept. 1873, socia *Lasiosphæria hirsuta*, quacum forte metagenetice devinctum est.

Obs. Hyphæ fertiles basi conspicue incrassatæ, cylindraceæ, 200 ✱ 4, pluriseptatæ, fuligineæ, sursum subattenuatæ pallidiores; conidia in hypharum apice congesta, ovoidea v. subfusoidea, 8 ✱ 4, 1–septata, fuliginea.

7B. **Acrothecium Solani** Sacc. sp. nov. Hyphis fertilibus, in maculis foliorum arescendo ochraceis gregariis, erectis, filiformibus 80–90 lg., 3 cr., subcontinuis fuscis sursum pallidioribus, subattenuatis; conidiis in hypharum summo apice paucis, laxe capitatis, cylindraceis, 18 ✱ 4, utrinque acutatis, minute pluriguttulatis, continuis, hyalinis.

Hab. in foliis languidis Solani nigri *a Selva*, Sept. 1873.

Obs. Ab *Acrotheca Gei* Fckl. Symb. 380 (in Enum. Fung. Nassov. p. 42 falso descripta), cui affinis, hyphis tenuioribus conidiis parcioribus majoribus satis diversa.

8. **Acrothecium purpurellum** Sacc. sp. nov. Totum amœne dilute purpureum; hyphis fertilibus dense gregariis, basi lignum penetrantibus, filiformibus, non v. parce septatis, sursum obtuse denticulatis, sæpissimeque spathulato-dilatatis; conidiis ex denticulis orientibus cylindraceis, 20–25 ∗ 4, apice obtusis, basi acutatis, 3–septatis dilute roseis.

Hab. in ligno quercino putrescente in sylva *Montello*, Sept. 1876.

9. **Acrothecium caulium** Sacc. sp. nov. Hyphis fertilibus, erectis gregariis, filiformibus, tenuiseptatis, fuligineis; conidiis in hypharum summo apice capitato-congestis, cylindraceo-oblongis 14 ∗ 3, utrinque obtusiusculis, continuis, 3–guttulatis, fuligineis.

Hab. in caulibus putrescentibus Heraclei Sphondylii *a Selva*, Sept. 1873, socia *Hendersonia Heraclei* Sacc.

Obs. I. Affine *A. simplici* Bk. Cooke Hndb. 579, a quo conidiis basi obtusiusculis, fuscis, 3–guttatis (exinde forte 2–septatis) neque 4–5–septatis facile distinguitur.

Obs. II. Genus *Acrothecium* in sequentia subgenera distingui potest. A. Cacumisporium: conidiis pluriseptatis: *A. tenebrosum*, *A. atrum*, *A. pumilum*, *A. purpurellum*, *A. bulbosum*, nec non *A. polyseptatum* (Pr. sub *Cordana*), *A. pedunculatum* (Pr. sub *Cordana*): *A. multisporum* Pr., *A. simplex* Bk., *A. delicatulum* B. et Br. – B. Cordana Pr. p. p.: conidiis 1–septatis: *A. pauciseptatum*. – C. Acrotheca Fckl.: conidiis continuis: *A. Solani*, *A. caulium*, *A. Gei* Fckl.

10. **Arthrobotryum albicans** Sacc. sp. nov. Remote gregarium albido-hyalinum; stipitibus cylindraceis sur-

sum parum attenuatis, 200 $\times$ 35–30, ex hyphis filiformibus tenuissimis eseptatis formatis; conidiis capitatis ex hypharum apice oriundis, oblongo-cylindraceis, 20–25 $\times$ 5–6, 2–4 (plerumque 3)–septatis, basi in apiculum productis, subhyalinis.

Hab. in ligno carioso putrescente f a g i n e o in sylva *Cansiglio*, Oct. 1874.

Obs. Affine *Arthrob. stilboideo* Ces., a quo præ cæteris colore albido, stipitum hyphis tenuissimis continuis, conidiis majoribus etc. differt.

11. **Arthrobotryum stilboideum** Ces. Hedw. I t. IV fig. 1.

Hab. in ligno q u e r c i n o putri in sylva *Montello*, Sept. 1874.

Obs. Conidia oblonga, quandoque subclavata, 12 $\times$ 4, 3–septata hyalina, tandem (senio?) dilutissime fuscidula. Stipes ex hyphis pluribus filiformibus fuligineis, remote septatis conflatus, basi incrassatus.

12. **Arthrobotryum atrum** B. et Br., Cooke Hndb. p. 563. Sacc. Myc. Ven. p. 181.

Hab. in ramulis s a l i c i n i s, S a l v i æ g l u t i n o s æ, A s t e r i s N o v i-B e l g i i *a Selva*, aut. 1873-75.

Obs. Conidia ovoidea 30–35 $\times$ 15–18, 3–4–septata, loculis extimis pallidioribus, cæteris fuligineis.

13. **Graphium fasciculatum** Sacc. Myc. Ven. n. 739 – Gregarium, fuligineum; stipitibus compositis, cylindraceis sursum obtusiuscule attenuatis, quandoque e basi incrassata communi pluribus fasciculatis, undique, præcipue vero sursum, ramulos obliquos subdenticulatos, pallidiores emittentibus; conidiis prope ramulorum apicem insertis cylindraceo-fusoideis, curvulis, utrinque acutis 15 $\times$ $1^3/_4$–$2^1/_2$, hyalinis.

Hab. in ramulis R o b i n i æ P s e u d a c a c i æ, socia *Valsa heteracantha* Sacc., cujus ut status macroconidicus haberi potest, *a Selva*, aut. 1874-76.

Obs. Infra ejus stipites quandoque adsunt spermogonia, qualia in «Fungi Veneti» ser. IV p. 15 descripsi – Species hæc ad *Graphium Rhizomorpharum* (Ces.) Mtgn. accedit, a quo tamen satis differt.

14. **Graphium stilboideum** Corda Ic. II fig. 69.
Hab. in ramulis Robiniæ Pseudacaciæ *a Selva*, Oct. 1874.
Obs. Stipites prælongi ex hyphis fuligineis constantes, filiformes, apice in capitulum subrotundo-discoideum expansi; conidia ex hypharum apice oriunda oblongo-ellipsoidea, 6 ∗ 3, hyalina.

15. **Graphium fissum** Pr. Hoyersv. p. 133. n. 113.
Hab. sub cortice ramulorum Solani Dulcamaræ *a Vittorio*, Nov. 1875.
Obs. Stipites cylindracei, quandoque fissi, sursum attenuati, apice ex hyphis divergentibus dilatato-capitati; hyphæ fasciculatæ fuligineæ, fertiles in apicem patulum, hyalinum denticulatum desinentes; conidia e denticulis oriunda oblonga deorsum acutata, 7–8 ∗ $2^1/_2$, hyalina. A diagnosi Preussii l. c. recedit hyphis fertilibus non vere ramosis, an ergo diversum?

16. **Graphium penicillioides** Cda Ic. I t. V fig. 251.
Hab. sub cortice ramulorum Populi nigræ putrescente *a Selva*, Sept. 1875.
Obs. Stipites sparsi, atri, breves, sursum dilatati, ex hyphis fuligineis fasciculatis compositi; conidia in hypharum apice pallidiore inserta, oblongo-cylindracea, minutissima, 4–5 ∗ 1–$1^1/_2$, hyalina.

17. **Aspergillus ochraceo-ruber** Sacc. Myc. Ven. n. 1063. Gregarius, totus amœne ex ochraceo ruber; hyphis sterilibus repentibus parce septatis, fertilibus erectis ca. $^3/_4$ mill. altis, filiformibus, septatis, apice vesiculoso-inflatis; conidiis catenulatis, radiantibus, ovoideis basi subapiculatis, majusculis 15–18 ∗ 12–13, plerumque multiguttulatis. Capitula $^1/_4$ mill. diam.
Hab. in cortice lignoque putri juglandino, Patavii, Feb. 1876–77.
Obs. Ab *Asp. roseo* Cooke Hndb. p. 588, probe diversus.

18. **Aspergillus carneolus** Sacc. sp. nov. Effusus, sordide carneus; hyphis sterilibus repentibus, ramosis, parce septatis, filiformibus; fertilibus assurgentibus, filiformibus, 120–130 ∗ 10, septatis, apice vesiculoso-

inflatis, vesicula lævi 30 diam.; conidiis catenulatis, sed mox secedentibus, ovato-oblongis, 6–8 ✶ 3–4, e hyalino roseis.

Hab. in culmis et paniculis putrescentibus udis Sorghi vulgaris *a Selva*, Sept. 1873.

Obs. Etiam hic ab *Asp. roseo* Lk., Cooke, cujus habitum refert, conidiis oblongis nec globosis hyphisque septatis nec continuis statim distinguitur.

19. **Aspergillus stercoreus** Sacc. Myc. Ven. n. 1061. Effusus, laneus, canescens; hyphis fertilibus assurgentibus, filiformibus, continuis, 600–800 ✶ 20, hyalinis, apice vesiculoso-inflatis; conidiis catenulatis, e globoso ovoideis, 7–10 ✶ 6–7, hyalinis e sporophoris conico-oblongis vesiculam tegentibus oriundis.

Hab. in stercore humano, putrescente *a Selva, Giavera*, Oct. 1876.

20. **Aspergillus virens** Lk. Obs. I p. 14. Spec. I. 67.

Hab. in nidis vesparum putrescentibus *a Padova*, Sept. 1874.

Obs. Hunc genuinam speciem Linkianam sistere fingo, etsi ad hanc eamdem quoque forma virescens *Aspergilli glauci* in fungis obvia, æquo jure referri possit. Præsens dignoscitur hyphis sterilibus repentibus, ramosis, fertilibus assurgentibus filiformibus, 300–500 ✶ 10, parcissime septatis, apice vesiculoso-inflatis, amœne virentibus; conidiis globosis, catenulatis, minutis, 3 diam., viridulis, sæpe 1-guttulatis e vesicula immediate oriundis.

21. **Bispora pusilla** Sacc. sp. nov. Effusa, atra; hyphis brevibus filiformibus, adscendentibus, pallidis; conidiis in hypharum apice insertis in catenulas, longiusculas, rarius ramulosas digestis, ovoideis, utrinque rotundatis, nec truncatis, 6–8 ✶ $3^1/_2$–$4^1/_2$, medio crasse opaceque 1-septatis non v. vix constrictis, fuligineis.

Hab. in ligno putrescente quercino, Sept. 1874, in sylva *Montello.*

22. **Bispora monilioides** Corda Ic. I. t. II. fig. 143.

Hab. in ligno putri udo *a Padova*, Ian. 1877.

Obs. Hyphæ seu basidia brevia, subconica; conidia

breve fusoidea, utrinque truncata, 20–22 * 6–7, crasse 1–septata, non constricta, 2–guttulata, fuliginea.

23. **Botrytis griseola** Sacc. M. V. n. 581 – F. V. ser. V p. 195.

24. **Botrytis phymatotricha** Sacc. – M. V. n. 1081 – Effusa, subvelutina, ex albo grisea, hyphis sterilibus repentibus, tortuosis, ramosis, parce septatis, hyalino-fuscidulis; fertilibus concoloribus assurgentibus, paniculato-ramosis, ramulis hyalinis apice incrassatis vageque denticulatis; conidiis e denticulis oriundis, subglobosis, 5–6 diam., eguttulatis, fuscis.

Hab. in ligno putri quercino *a Selva*, Oct. 1876.

Obs. Cum genere *Phymatotricho* Bonord. notis nonnullis congruit, sed a *Botryte* essentialiter non differt.

25. **Chætopsis macroclada** Sacc. sp. nov. Effusa, fusco-olivacea; hyphis erectis, 200 * 4, e basi lenissime incrassata, filiformibus, apice subulatis, parce septatis, fuligineis; ramis verticillato-ternis vel quaternis, inferioribus brevibus, superioribus (2 verticillis) prælongis, usque 60–70 lgs, subulatis, interdum aduncis, fuligineis; conidiis in ramulis inferioribus acrogenis globoso-ovoideis, $3-3\frac{1}{2}$ * $2-2\frac{1}{2}$, 1–guttulatis e hyalino dilutissime olivaceis.

Hab. in ligno putri quercino *a Selva*, Aug. 1875, rarius.

26. **Chætopsis fusca** Corda Ic. I f. 243.

Hab. in ligno quercino putrescente *a Selva*, Aug. 1874, raro.

Obs. A typo Cordæ l. c. differt ramulis brevioribus, tortuosis, subcontinuis; conidiis ovoideis $2-2\frac{1}{2}$ * 1 (nec $4\frac{1}{2}$ lg.). Hæc forma brachyclada dicenda.

27. **Chætopsis stachyobola** Corda Ic. III f. 21.

Hab. in foliis dejectis Lauri nobilis, nec non in ejus ramulis, *a Selva*, Aug. 1875.

Obs. Cæspituli effusi rufescentes; conidia cylindrica, 12 * $1\frac{3}{4}$, hyalina.

28. **Cladotrichum microsporum** Sacc. sp. nov. Effusum, atrum, velutinum; hyphis undique repentibus, quandoque gangliformi-confluentibus, multi-articulatis,

articulis sæpe protuberantibus, crasso-guttulatis, obscure fuligineis; hyphis fertilibus assurgentibus filiformibus sursum attenuatis, remotius septatis, pallidioribus; conidiis in hypharum apice acrogenis (?), constricto-didymis, 10–12 ✶ 8, rarius 15 ✶ 9, 2-guttulatis, fuligineis, loculo inferiore crassiore breveque apiculato.

Hab. in ligno putrescente *a Conegliano*, Iunio 1876 (SPEGAZZINI).

29. **Chalara fungorum** Sacc. – *Cylindrium fungorum* Sacc. Myc. Ven. 177 tab. XVI fig. 53.

Hab. in H y d n o c o m p a c t o putrescente in sylva *Montello*, Dec. 1872.

Obs. Hyphæ obclavato-phialiformes, 30–40 lg., basi 10 cr. dilute fuligineæ non septatæ; conidia cylindrica, concatenata, 15 ✶ $2^1/_2$, utrinque obtusa, plasmate bipartito, hyalina.

30. **Chalara strobilina** Sacc. F. V. ser. V p. 185, n. 169 – Effusa, velutina, brunnea; hyphis erectis obclavato-ampullaceis, 30–35 ✶ 4 (in apice), 2–3-septatis fuligineis; conidiis ex apice hypharum exsilientibus, catenulatis, cylindraceis, 4 ✶ $1^1/_4$, 2-guttulatis, hyalinis.

Hab. in squamis strobilorum A b i e t i s e x c e l s æ putrescentibus, socio *Helotio strobilino* (Fr.) Fckl. cujus est status conidiophorus, in sylva *Cansiglio*, Oct. 1875.

31. **Chalara heterospora** Sacc. sp. nov. Effusa, velutina, brunneo-fuliginea; hyphis erectis cylindraceis, 70–80 ✶ 4–5, usque ad mediam longitudinem incrassatis, 4–5-septatis, fuligineis; conidiis ex apice hypharum exsilientibus, catenulatis, cylindraceis, 10–15 ✶ 2–3, utrinque truncatis, nunc continuis, nunc 1–3-septatis, hyalinis.

Hab. in ligno q u e r c i n o putrescente udo *a Selva*, Oct. 1876.

32. **Chalara Montellica** Sacc. – *Sporoschisma Montellicum* Sacc. Fungi Veneti ser. II p. 307.

33. **Chalara Ampullula** Sacc. – *Sporoschisma Ampullula* Sacc. Fungi Veneti, ser. IV p. 38.

34. **Chalara fusidioides** Corda Ic. II 9, t. IX fig. 43 — Sacc. Fungi Ven. ser. V p. 191.

Hab. in ligno quercino putri in sylva *Montello*, Sept. 1875.

Obs. Conidia cylindrica utrinque truncata, 18–20 × 2, concatenata, hyalina. Hyphæ phialiformes, 40 × $2^{1}/_{2}$–3 (in collo), fuscidulæ. Conidia sec. Corda 7–8 lga et hyphæ 21 lgæ; an ex errore mensionis? an species diversa? Habitus tamen simillimus.

35. **Chalara brachyspora** Sacc. sp. nov. Effusa, velutina, fusca; hyphis cylindraceis, 80–100 × 5, usque ad medium v. $^{3}/_{4}$ longitudinis paululum incrassatis, 3–4-septatis, fuligineis; conidiis ex hypharum apice exsilientibus catenulatis, breviter cylindraceis, 10 × 4, utrinque truncatis, 2-guttulatis, hyalinis.

Hab. in ligno putrescente Coryli Avellanæ *a Selva*, Nov. 1873.

36. **Cylindrium heteronemum** Sacc. sp. nov. Breviter effusum, floccosum, candidum; hyphis filiformibus continuis, raro apice furcatis, 25–35 × 3–$3^{1}/_{2}$; conidiis in catenulas longiusculas digestis, forma magnitudineque valde variis nempe cylindricis v. fusoideis, 15–25–35 × 4–5, utrinque attenuato-truncatis, subapiculatis ex albo hyalinis.

Hab. in disco trunci salicini putrescentis *a Selva*, Oct. 1874.

37. **Cylindrium carneolum** Sacc. sp. nov. Late effusum, amœne carneum, cito evanidum; hyphis assurgentibus subcylindraceis, sursum attenuatis, 20–30 × 3; conidiis ex hypharum apice oriundis in catenulas longas digestis, cylindraceo-fusoideis, 8 × 2, rectis v. raro inæquilateralibus, utrinque obtuse attenuatis, 2-guttulatis, hyalino-roseis.

Hab. in ramulis Salicis vitellinæ udis in calidariis Horti botanici Patavini, Martio 1876.

38. **Dendryphium nodulosum** Sacc. Effusum v. interruptum, atroferrugineum; hyphis adscendentibus, vage simpliciter v. iterato ramosis, raro bifidis v. subsimplicibus, remote articulatis, hinc inde præcipue apice incrassato-nodulosis, fuligineo-ferrugineis; conidiis

in ramulorum apice 1–3 insertis, oblongo-cylindraceis, utrinque rotundatis, plerumque rectis, raro subcurvis, 18–22 ✶ 5–$5^1/_2$, 3–4-septatis, ad septa tandem leniter constrictis, 4–5–guttulatis, concoloribus.

Hab. in caule putrescente herbarum majorum e. g. Humuli Lupuli, *a Selva*, Sept. 1874.

Obs. A *Dendr. laxo* B. et Br. præcipue conidiis 4–5–(non 7–11–) septatis recedit.

39. **Echinobotryum læve** Sacc. sp. nov. Laxe gregarium effusum, atrum; hyphis brevibus simplicibus v. brevissime ramulosis, parce septatis, hyalinis; conidiis versus hypharum apicem laxe capitato-racemosis, ovatis v. subfusoideis, 12 ✶ 6–7, apice attenuato-subapiculatis, basi subtruncatis, brevissime hyalino-stipitatis, lævibus, fuligineis, sursum pallidioribus.

Hab. in trunco decorticato Alni glutinosæ putrescente *a Selva*, Aug. 1874.

40. **Exosporium fructicola** Sacc. sp. nov. Acervulis subcircularibus, sub epidermide rimose dehiscente nidulantibus, erumpentibusque, atris, valde compactis; sporidochiis rufescentibus convexis catenulas conidiorum longiusculas, arcte aggregatas, ubique gerentibus; conidiis e globoso ovoideis, 10 ✶ 8, quandoque 2–3 diu cohærentibus, olivaceis, superioribus intensius coloratis.

Hab. in fructibus putrescentibus Rosarum, *a Conegliano*, Martio 1876 (Spegazzini).

41. **Fusarium corallinum** Sacc. Myc. Ven. n. 568 – Fungi Veneti ser. V p. 196.

42. **Fusarium album** Sacc, sp. nov. Acervulis superficialibus, complanatis oblongis, confluentibusque, tenuibus, albis; conidiis in sterigmatibus filiformibus simplicibus rariusve furcatis, 40–50 ✶ 2–$2^1/_2$ e basidio brevi crassiori penicillatim oriundis, acrogenis, botuliformibus, curvulis, utrinque rotundatis, 50 ✶ 7–8, 5–septatis, non constrictis, ex albo hyalinis.

Hab. in cortice interiore putrescente Ulmi campestris, *a Vittorio*, Oct. 1873.

Obs. Affine *Fusario obtusato* Corda, a quo colore et septatione conidiorum satis recedit.

43. **Fusarium miniatum** Sacc. sp. nov. Acervulis effusis crassiusculis, subgelatinosis, vivide miniatis; sporophoris fasciculatis iterato (plerumque dichotome) ramosis, ramulis subfusoideis; conidiis bacillari-falcatis, 90–100 ✶ 4–5, initio minute guttulatis, dein tenuiter 5–7–septatis, dilute roseis.

Hab. ad peridia, præcipûe vero ad sporangia putrescentia Cyathi vernicosi, Aug. 1874.

44. **Fusisporium Zavianum** Sacc. Effusum, albo-flocculosum, tandem medio dilute carneum, erumpenti-superficiale; hyphis undique versis, parce ramosis, continuis, sæpe guttulatis, hinc inde sporophora repetito dichotome ramosa gerentibus, ramulis sursum attenuatis; conidiis fusoideis, falcatis, 30–40 ✶ 5–5$^{1}/_{2}$, utrinque acutiusculis, 3–septatis, ad septa parum constrictis e hyalino dilute roseis.

Hab. in ramis tenellis, petiolis, cirrhis, pedunculisque vivis, quibus plagulas irregulares fuscas affert, quosque tandem enecat, Vitis viniferæ, præcipue varietatis etruscæ quæ *Salomona* audit, *a Vittorio,* Majo 1876, unde misit Doct. L. Zava.

45. **Fusisporium atrovirens** Bk., Sacc. Mycoth. Ven. n. 1038, Cooke Hndb. p. 621.

Hab. in foliis caulibusque Alliorum putrescentibus *a Vittorio,* Oct. 1875.

Obs. Conidia fusoideo-falcata utrinque acutiuscula, 25–30 ✶ 6–7, 3–septata, olivaceo-fusca. Characteres *Fusisporii* sed habitus *toruloideus.*

46. **Corethropsis pulchra** Sacc. Sordide alba majuscula; hyphis sterilibus repentibus, filiformibus, septatis, hinc inde angulato-flexis; fertilibus ex hypharum sterilium angulis assurgentibus filiformibus, 110 ✶ 7–8, sola ima basi 1–septatis, apice globulo conidiorum persistente 32 diam. ornatis; basidiis ex hypharum apice obtuse attenuato radiatim divergentibus, subclavatis, sterigmata 3–5 pariter divergentia clavulataque gerentibus; conidiis in sterigmatum apice acrogenis ovato-oblongis, 3 ✶ 1, hyalinis.

Hab. in insectis putrescentibus eorumque Isariis

ad folia Carpini Betuli in sylva *Montello*, Aug. 1874; nec non ad folia Agrimoniæ Eupatorii a *Selva*, Aug. 1875, ut videtur, rarius.

Obs. Characteres generis ut *Cephalosporium*, sed capitula basidiis sterigmatibusque radiantibus instructa.

47. **Gonatobotrys flava** Bon. Hndb. p. 105 fig. 22–23, Cœm. Rev. p. 4.

Hab. in ramis putrescentibus Robiniæ Pseudacaciæ a *Conegliano*, Iunio 1876 (Spegazzini).

Obs. Conidia oblongo-ovoidea, basi subapiculata, 18–22 ∗ 10–12, e hyalino dilutissime flava.

48. **Gonatobotrys fusca** Sacc. Mycoth. Ven. n. 1090. Effusa velutina, atro-fuliginea; hyphis fertilibus erectis, filiformibus, prælongis, subopacis, subcontinuis, 300–600 ∗ 12–15, hinc inde nodoso-inflatis, nodis globosis, 25 diam., undique verruculoso-sporigeris; conidiis ovato-oblongis, utrinque obtusiusculis, 10–11 6–7, raro usque 14 ∗ $7^1/_2$, dilute fuligineis.

Hab. in ligno quercino putrescente, in sylva *Montello*, Oct. 1876.

49. **Stachylidium extorre** Sacc. sp. nov. Effusum fusco-cinereum velutinum; hyphis erectis cylindraceis, basi paululum incrassatis, sursum sensim attenuatis, 200 ∗ 4–5, septatis, dilute fuligineis, apicem versus verticillato-ramosis; ramulis pallidioribus, ternis-quinis, sursum attenuatis, simplicibus, quandoque iterum verticillato-ramulosis; conidiis in ramulorum apice globulos sphæricos, initio muco obvolutos, translucidos, 6–10 diam. efformantibus, dein (madore) diffluentibus, oblongis, 4 ∗ $1^1/_2$, hyalinis.

Hab. in ligno putrescente decorticato Celtidis australis a *Vittorio*, Oct. 1875, rarius.

Obs. Conidia globulos conflare jugiter mihi visa sunt; si in statu juniore in catenulas digesta essent, species hæc cum genere *Hormodendro* (Harz) collideret; sed certe cum *St. bicolore* Lk, quale ego sumo, congener videtur.

50. **Stachylidium bicolor** Lk., Sacc. F. V. ser. V. p. 195.

51. **Stachylidium thelenum** Sacc. M. V. n. 918. Hyphis repentibus late effusis, intricato-ramosis, tomentosis, ex olivaceo fuligineis, subcontinuis; fertilibus erectis, septatis, 200–250 ✱ 5, sursum verticillato-ramulosis, pallidioribus; conidiis in apice denticulato ramulorum 2–5 aggregatis, oblongis, 7–8 ✱ $3^1/_2$, basi apiculatis, hyalino-fuscidulis.

Hab. in cortice duriore udo quercino, socia *Rosellinia thelena* (Fr.) Rabh., cujus statum conidicum sistit, in sylva *Montello*, Sept. 1876.

52. **Helminthosporium obclavatum** Sacc. sp. nov. Effusum, maculiforme, atrum; hyphis erectis, filiformibus, basi subincrassatis, 60–70 ✱ 6–7, pauciseptatis, fuligineis; conidiis solitarie acrogenis obclavato-fusoideis, sursum sensim longe attenuatis, 90 ✱ 15, apice rotundato, basi cuneato-truncatis, pluri-(18–24-) septatis, atro-fuligineis.

Hab. in ligno Alni glutinosæ putri *a Selva*, Nov. 1874.

53. **Helminthosporium cylindrosporum** Sacc. Fungi Veneti, ser. V p. 191 p. 210.

54. **Helminthosporium Hirudo** Sacc. sp. nov. Dense et indeterminate effusum, aterrimum; hyphis repentibus parcis, filiformibus septatis, fuligineis, dein evanidis; hyphis fertilibus brevissimis cylindraceo-conoideis, erectis, pauciseptatis, fuligineis; conidiis longissimis vermicularibus, sæpe incurvo-sigmoideis, hinc inde subconstrictis, sursum sensim attenuatis, apice summo rotundatis, basi cuneato-truncatis, crebre multi-(55–65-) articulatis, 200–230 ✱ 15, atrofuligineis.

Hab. in ligno putri quercino *a Selva*, Sept. 1874.

55. **Helminthosporium hormiscioides** (Cda) Sacc., *Sporidesmium hormiscioides* Cda Ic. II fig. 26.

Hab. in ramis putrescentibus Buxi sempervirentis, *a Selva* Sept. 1875.

Obs. Hyphæ fertiles (sporophora), 2–4–septatæ, ochraceæ, 20–30 ✱ 6; conidia vermicularia, cylindraceo-conica, 150–180 ✱ 12–15, tortuosa, 35–45–articulata, fuliginea, articulo summo uno alterove subin-

flatis pallidioribus. Ab icone Cordæ l. c. sporophoris paululum recedit, sed cetera perfecte conveniunt. Ab *Helminth Hirudine* Sacc. (n. 54) differt præcipue conidiis brevioribus, multo magis tortuosis, apice plerumque hyalino-bullosis, septis minus crebris, minusque copiosis.

56. **Helicosporium lumbricoides** Sacc. Effusum, maculiforme, albido-griseum; hyphis repentibus filiformibus, ramosis, anastomosantibusque, 4–5 diam., remote septatis dilute fuligineis, ubique (ad conidiorum insertionem) hyalino-denticulatis; conidiis vermicularibus, in spiras 2–3½ laxas convolutis, 150 ✶ 4, 1-serialiter pluriguttulatis, hyalinis.

Hab. in ligno quercino putri in sylva *Montello*, Sept. 1874.

Obs. Videtur status elatior *Helicomycetis*.

57. **Monilia candicans** Sacc. Myc. Ven. n. 364, Fungi Ven. ser. V p. 195.

58. **Monilia hesperidica** Sacc. Myc. Ven. n. 1091. Cæspitulis compactis, pulvinatis, ochraceo-flavis; hyphis adscendentibus, vage parce ramosis, septatis, 7–8 micr. crassis, apice v. prope apicem spinulosis; conidiis e spinulis oriundis, limoniiformibus, h. e. utrinque apiculatis, 20 ✶ 12, paucis concatenatis, eguttulatis, flavis.

Hab. in lignis et muscis putrescentibus *a Colfosco*, in sylva *Montello*, aut. 1874–1876.

Obs. Ad gen. *Ægeritam* Bon. v. *Periolam* Fr. pari fere jure duci potest.

59. **Polyscytalum sericeum** Sacc. sp. nov. Cæspitulis candidissimis, pulvinatis, minutis, sericeis; hyphis assurgentibus, parce vage ramosis, 70–80 ✶ 4, cylindraceis sursum attenuatis, parce septatis, hyalinis; conidiis in catenulas longas connexis, perfecte cylindricis, 12–15 ✶ 1, rectis, utrinque truncatis et lenissime margine dilatatis, 2-guttulatis, hyalinis.

Hab. in foliis quercinis exsiccatis *a Conegliano*, Apr. 1876 (Spegazzini).

Obs. A *Polyscytalo fœcundissimo* Riess in Fres

Beitr. t. XII f. 4, cui affine, differt hyphis perfecte albis, conidiisque utrinque truncato-subincrassatis. Huc verisimiliter *Fusidium sericeum* Rabh. D. C. F. Fungi p. 42.

60. **Polyscytalum griseum** Sacc. sp. nov. Cæspitulis pulvinatis, cæsio-griseis, velutinis; hyphis assurgentibus e basi incrassata sursum attenuatis, 30 ✶ 3, simplicibus, 5–6–septatis, griseis; conidiis ex apice hypharum oriundis longe catenulatis, cylindricis, 5–5½ ✶ 1, utrinque obtusiusculis, dilute cinereis.

Hab. in ramis cæsiis quercinis udis in sylva *Montello*, Sept. 1874, raro.

61. **Rhinotrichum chrysospermum** Sacc. Myc. Ven. n. 573, Fungi Veneti, ser. V p. 196.

62. **Rhinotrichum minutum** Sacc. sp. nov. Cæspitulis effusis, velutinis, e griseo fuscis; hyphis fertilibus gregariis assurgentibus, 100–120 ✶ 3, basi bulbillosis, parcissime septulatis, fuligineis, sursum pallidioribus, ad conidiorum insertionem minutissime punctatis, infraque spiculam conidiorum oblique fusco-vaginatis (semper?); conidiis subglobosis, diam. 2–2½, in spiculam brevem laxam digestis, sessilibusque, hyalinis.

Hab. in ligno quercino putrescente, socio *Arthrobotryo stilboideo* Ces., in sylva *Montello*, Sept. 1874.

Obs. Ob sporophorum non vere denticulatum et ob conidia minuta subglobosa a gen. *Rhinotricho* desciscit; interea sectionem propriam (*Psilobotrys*) constituere potest.

63. **Rhinotrichum griseum** Sacc. sp. nov. Cæspitulis floccosis, e cæsio griseis cum soris Uredinearum concrescentibus; hyphis fasciculatis, continuis, simplicibus, cinereis, sursum acutiuscule hinc inde denticulatis; conidiis ex hypharum denticulis oriundis, limoniiformibus, 15–20 ✶ 10, quandoque inæquilateralibus, concoloribus.

Hab. in soris Uredinis Ruborum in pagina inferiore foliorum Rubi cæsii et R. fruticosi in sylva *Montello* et *a Selva*, Sep. 1876.

Obs. Characteribus ad gen. *Ramulariam* quoque vergit sed vegetatione et habitatione ab hac longius distat.

64. **Ramularia Philadelphi** Sacc. Myc. Ven. n. 1049. Maculis arescendo brunneis angulosis; hyphis hinc inde cæspitulosis candidis, filiformibus, continuis, 30–40 ✶ 2, sursum subdenticulatis; conidiis cylindraceo-fusoideis, 10–18 ✶ 3, rectis, utrinque abrupte breve attenuatis, sæpe 2-guttulatis, hyalinis.

Hab. in foliis languidis Philadelphi coronarii *a Selva*, Sept. 1876.

65. **Ramularia Asperifolii** Sacc. Myc. Ven. n. 591, Fungi Ven. ser. V p. 186.

66. **Cercospora fulvescens** Sacc. Fungi Veneti ser. V p. 189.

67. **Cercospora Persica** Sacc. Myc. Ven. n. 578, Fungi Veneti ser. V p. 189.

68. **Cercospora cana** Sacc. Myc. Ven. n. 593, Fungi Ven. ser. V p. 188.

69. **Cercospora crassa** Sacc. sp. nov. Maculis arescendo subochraceis amphigenis; cæspitulis pusillis in iisdem maculis gregariis, fuscidulis; hyphis cylindraceis, 40–45 ✶ 6–7, simplicibus v. breviter furcatis, apice obtusiusculis, 2–3-septatis, dilute ochraceis; conidiis concoloribus, ex oblongo sursum sensim longissime filiformi cuspidatis, totis 100–150 ✶ 15–18, cuspide vix 2 micr. cr., 7–9-septatis, quandoque septulo spurio unico longitudinali.

Hab. in foliis languidis Daturæ Stramonii *a Selva*, aut. 1873–76.

Obs. Species prædistincta, transitum ad *Alternariam* parans.

70. **Cercospora Asparagi** Sacc. Myc. Ven. n. 1052. Maculis sordide albis v. griseis in cladodiis ramisque diffusis; hyphis hinc inde dense fasciculatis, filiformibus, tortuosis, nodulosis, prælongis, 150 ✶ 5–6, septatis, fuligineo-ferrugineis; conidiis ex hypharum apice lateribusque obclavato-acicularibus, cuspidatis, curvulis, 120–130 ✶ 4–5, 7–8-tenuiseptatis, perfecte hyalinis.

Hab. in cladodiis ramisque Asparagi officinalis *a Selva*, Sept. 1875.

71. **Sporidesmium Bizzozerianum** Sacc. Myc. Ven. n. 365, Fungi Veneti ser. V p. 193.

72. **Sporidesmium helicosporum** Sacc. Myc. Ven. n. 1064. Hypophyllum, maculas atras effusas velutinas efficiens; hyphis sterilibus repentibus, ramosis, parcis, fuscidulis, hinc inde sporigeris; conidiis brevissime stipitatis e basi obtusiuscula fusoideis, sursum longe circinato-cuspidatis, 130–150 ∗ 11–14, 13–15-septatis, pluri-nucleatis, obscure olivaceo-fuligineis, sursum subhyalinis.

Hab. in pag. inf. foliorum vigentium v. languidorum Quercus pedunculatæ in sylva *Montello*, Oct. 1875–76.

73. **Septocylindrium virens** Sacc. Fungi Veneti ser. V p. 186. Varie effusum, maculiforme e glauco virens; conidiis catenulatis, cylindraceis, utrinque obtusiusculis 15 ∗ 3, 3-septatis, viridulis.

Hab. in foliis ramisque putrescentibus Vitis viniferæ nec non herbarum elatiorum *a Selva e Vittorio*, aut. 1873–75.

74. **Septocylindrium dissiliens** (Duby) Sacc. Myc. Ven. n. 583, Fungi Veneti ser. V p. 186.

Hab. in pag. inf. foliorum Vitis viniferæ *a Vittorio*, Oct. 1875.

Obs. Conidia cylindracea utrinque obtusiuscula, 1–3-septata, 50–70 ∗ 5–6, catenulata, ex olivaceo dilute virentia.

75. **Septocylindrium Bonordenii** Sacc. Mycoth. Ven. n. 1050, *Cylindrium septatum* Bon. Hndb. 35 fig. 16.

Hab. in foliis putrescentibus Galanthi nivalis in Horto botanico Patavino, Apr. 1876.

Obs. Conidia cylindracea, utrinque obtusiuscula, 30–40 ∗ 4, initio continua, tandem 2–4-septata, hyalina.

76. **Saccharomyces sphæricus** Sacc. sp. nov. Acervulis minutis applanato-pulvinatis, gregariis, confluen-

tibusque, sordide albis; conidiis perfecte sphæricis, diam. 5–6 micr., in catenulas varie flexas, ramulosas sæpeque conglobatas digestis, ægre secedentibus, hyphopodiis oblongis v. subcylindricis, 10–15 * 5, basi sæpius fultis, nucleato-farctis, hyalinis.

Hab. in succo concreto et fermentescente Lycopersici esculenti *a Padova*, Iulio 1876.

77. **Sphæridium citrinum** Sacc. sp. nov. Capitulis gregariis, $^1/_8$–$^1/_{10}$ mill. diam., a matrice facillime secedentibus, subsessilibus, globulosis, citrinis quandoque in segmenta radiatim fissis; hyphis e basi capituli oriundis, iterato- sæpeque verticillato-ramosis, septatis, in conidia cylindracea, 5–6 * 1, utrinque subrotundata et 1–guttulata, catenulata, hyalino-flavida desinentibus.

Hab. in ligno putri Ulmi campestris *a Padova*, Febr. 1876 (G. Bizzozero).

Obs. Videretur *Cylindrium* seu *Polyscytalum* in capitulum coalita. A *Sphæridio vitellino* Fres. hæc species recedit conidiis brevioribus, ramose concatenatis, capitulis subsessilibus &c.

78. **Stigmella Montellica** Sacc. Myc. Ven. n. 1066. Acervulis punctiformibus, atris, plerumque hypophyllis, sæpe nervisequis; conidiis e sporidochio pulvinato, celluloso oriundis, aggregato-fasciculatis, ex ovato oblongis utrinque rotundatis, 30–34 * 15–19, 4–6–septato-muriformibus, ad septa non constrictis, obscure fuligineis.

Hab. in foliis petiolisque Salviæ glutinosæ vivis in sylva *Montello*, Sept. 1876.

Obs. In animo est sub genere reformato *Stigmella* colligere species *Sporidesmii* foliicolas, conidiis muralibus ornatas.

79. **Illosporium olivatrum** Sacc. sp. nov. Acervulis gregariis, superficialibus, globulosis, 100 circ. diam., e cellulis protuberantibus scabridis, atris, e catenulis cellularum (conidiorum) varie sed arcte complexis efformatis; conidiis cylindraceo-fusoideis, variis, plerumque curvulis, 10–15 * 6–7, vario modo connexis ex olivaceo fuscis.

Hab. in ligno putrescente *a Selva*, Sept. 1872, raro.

Obs. Cum nullo genere, nisi cum *Illosporio* e. g. *I. roseo*, cognatum et ab hoc colore desciscens. *Arthroderma* quoque affine videtur, sed conidiis globosis flavis gaudet.

80. **Sterigmatocystis candida** Sacc. sp. nov. Effusa, floccosa, candida; hyphis fertilibus erectis, filiformibus, continuis, diam. 14–15, apice vesiculoso-inflatis; vesicula 40 diam., sphæroidea asperula, undique basidiophora; basidiis radiantibus clavatis, apice sterigmata 3–4 filiformia gerentibus; conidiis e sterigmatum apice oriundis, catenulatis, inferioribus oblongis, ceteris globulosis, $2^1/_2$ diam., hyalinis. – Capitulum integrum diam. 100–120 micr.

Hab. in larvis insectorum putrescentibus *a Selva*, Sept. 1876.

Obs. Ad hoc genus quoque spectat *A. antacustica* Cr., *St. sulphurea* Fres., *St. dubia* (Corda sub *Aspergillo*), *St. italica* Sacc,, seu *Aspergillus sterigmatophorus* Sacc. Myc. Ven. 184 t. XVII f. 5–8.

81. **Coryneum intermedium** Sacc. sp. nov. Acervulis primo epidermide tectis, dein erumpentibus, numquam elevatis, aterrimis, laxiusculis; conidiis e strato hymenico crassiusculo lutescente oriundis longe stipitatis, oblongo-fusoideis, 28–32 ⁎ 10–11, 6–locularibus, loculis extimis minoribus, acutis, hyalinis, ceteris fuligineis; stipitibus fasciculatis, filiformibus, 70 ⁎ $1^3/_4$, hyalinis.

Hab. in cortice Ulmi campestris *a Vittorio*, Oct. 1873; et in ramis corticatis Populi Tremulæ *a Conegliano*, Iunio 1876 (Spegazzini).

Obs. Ob fabricam conidiorum *Coryneum Kunzei* Cda in memoriam revocat, a quo conidiis duplo et ultra minoribus statim dignoscitur. A *Cor. Tecomæ* Sacc. stipitibus multo longioribus, acervulis compactioribus &c. recedit.

82. **Coryneum pestalozzioides** Sacc. sp. nov. Acervulis minutis, maculas foliorum rufescentes degentibus, erumpentibus, minutis, aterrimis; conidiis ellipsoideis, 9 ⁎ 5, 3–septatis, loculis 3 interioribus fuscis, extimis

obtusiusculis hyalinis, stipitibus persistentibus, filiformibus, 12 ⋆ 1, hyalinis.

Hab. in foliis Cratægi Oxyacanthæ languidis in sylva *Montello*, Sept. 1875.

Obs. A *Cor. foliicola* Fckl. differt conidiis fere dimidio minoribus, brevius stipitatis &c. A *Sporidesmio epiphyllo* Lév. et *Hendersonia foliorum* Fckl. longius distat.

83. **Pestalozzia Veneta** Sacc. sp. nov. Acervulis gregariis subcutaneis, denique erumpentibus, lenticularibus, aterrimis; conidiis oblongo-fusoideis, 30–34 ⋆ 7, 5–septatis, ad septa non constrictis, loculis 4 interioribus fuligineis, minute guttulatis, extimis minoribus, hyalinis, seta terminali filiformi, 15–18 ⋆ 1, tortuosa hyalina; stipitibus filiformibus, fasciculatis, 40–45 ⋆ 1, e pseudostromate lutescente oriundis, hyalinis.

Hab. in ramis corticatis Corni sanguineæ *a Selva*, Sept. 1873; *a Conegliano*, Apr. 1876 (SPEGAZZINI).

84. **Pestalozzia breviseta** Sacc. sp. nov. Acervulis minutis, maculas foliorum cinerascentes gregarie occupantibus, erumpentibus, atris; conidiis oblongis v. breve fusoideis, 25–26 ⋆ 7, 4–septatis, loculis 3 interioribus fuligineis, extimis acutis cum setis stipiteque hyalinis; setis terminalibus ternis, filiformibus, brevibus, 8–10 ⋆ 1, stipite filiformi, brevissimo, 3 ⋆ 1.

Hab. in pagina inferiore foliorum Pyri communis et Carpini Betuli *a Selva*, Sept. 1876, rarius.

85. **Glæosporium sphærelloides** Sacc. Myc. Ven. n. 1096. Acervulis amphigenis, punctiformibus, initio epidermide velatis, nigris; basidiis dense fasciculatis, filiformibus, septulatis, subsimplicibus, 40–50 ⋆ 3–5, fuligineo-ochraceis, sursum hyalinis; conidiis ovato-oblongis, 10–12 ⋆ 5–6 guttulatis v. nubilosis, hyalinis.

Hab. in foliis exsiccatis Hoyæ carnosæ in Horto botanico Patavino, Oct. 1876.

Obs. Ob basidia densa colorataque cum gen. *Ex-*

osporio vel *Hadrotricho* species hæc quoque convenit.

86. **Glæosporium carthusianum** Sacc. Myc. Ven. n. 970. Acervulis in maculis foliorum expallentibus subcircularibus remote sparsis, prominulis, initio epidermide velatis, flavidis; conidiis in basidiis brevissimis apice rotundatis acrogenis, oblongo-cylindraceis. 30 ⁎ 9–12, constricto–2–septatis, guttulatis, hyalinis; loculis quandoque secedentibus.

Hab. in foliis languidis Evonymi europei in sylva *Montello*, loco ubi erat Carthusia, Sept. 1876.

87. **Phyllosticta Forsythiæ** Sacc. Myc. Ven. n. 979. Maculis subcircularibus, arescendo ochraceis; peritheciis epiphyllis, sæpe concentrice dispositis, lenticularibus pertusis, 150–180 diam., initio fulvis, velatis; spermatiis ovoideis, 5–7 ⁎ $2^1/_2$–3, 2–guttulatis, hyalinis.

Hab. in foliis Forsythiæ suspensæ languidis in Horto Patavino, Oct. 1876.

88. **Ascochyta physalina** Sacc. Myc. Ven. n. 985. Maculis arescendo ochraceis, vagis; peritheciis immerso-prominulis, epiphyllis, 110 diam., pertusis; spermatiis cylindraceo-oblongis, constricto–1–septatis, 25–28 ⁎ 8, 2–4–guttulatis, hyalinis.

Hab. in foliis languidis Physalis Alkekengi in sylva *Montello*, Oct. 1876.

89. **Septoria compta** Sacc. sp. nov. Maculis arescendo ochraceis, angulosis; peritheciis immersis, globulosis, diam. 130, ferrugineis, ostiolo obtuso latiuscule hiantibus; spermatiis cylindraceis curvulis, 20–25 ⁎ 5, utrinque obtusiusculis, 3–5–septatis, ad septa constrictis, hyalinis, denique in cirrhum albidum protrusis.

Hab. in foliis languidis Trifolii alpestris *a Selva*, Sept. 1876.

90. **Septoria pterophila** Sacc. sp. nov. Peritheciis laxe sparsis, e globoso lenticularibus, diam. 100–150, innato-prominulis, ostiolo impresso indistincto, atro-fuligineis; spermatiis cylindraceo-vermicularibus utrinque obtusiusculis, 45–50 ⁎ $3^1/_4$–4, 6–7–septatis, ad septa non constrictis, e hyalino chlorino-olivaceis.

Hab. in alis putrescentibus Cicadæ Orni *a Conegliano*, Dec. 1876 (SPEGAZZINI).

91. **Hormococcus olivascens** Sacc. sp. nov. Peritheciis (spuriis?), sparsis, v. subcæspitulosis, innato-erumpentibus, e globoso conoideis vertice applanatis, astomis, quandoque (collabescendo?) disciformibus, atris; sporophoris dense fasciculatis filiformibus simplicibus, furcatis, v. fasciculato-ramosis, 25–30 ✶ $1^3/_4$–2, septulatis, hyalinis, apice in spermatia cylindracea, 3–6 ✶ $1^1/_2$–$2^1/_2$, utrinque obtusa, continua, olivacea abeuntibus.

Hab. in ramis corticatis putrescentibus Vitis viniferæ, Paliuri aculeati, Paulowniæ imperialis, Lauri nobilis, Persicæ vulgaris, Populi nigræ nec non in fructibus Robiniæ et Paulowniæ *a Selva*, *Padova*, *Conegliano*, aut. 1874–76.

92. **Sacidium Spegazzinianum** Sacc. sp. nov. Peritheciis sparsis, superficialibus, dimidiatis scutiformibus, diam. 300–400 micr., aterrimis, nitidulis, ostiolo nullo manifesto, contexta fuligineo, punctulato; spermatiis e mutua pressione initio subangulosis, dein perfecte sphæricis, 10–12 diam., e hyalino flavis, minute pluriguttulatis.

Hab. in foliis languidis Aristolochiæ Clematitis *a Conegliano*, Iunio 1876, raro (SPEGAZZINI).

Obs. Species contextu perithecii non vere celluloso sed punctato singularis; cum Plasmodiophoris non comparanda.

93. **Leptothyrium pictum** B. et Br., Sacc. Myc. Ven. n. 964–965. *Phyllosticta vulgaris* f. *Xylostei* Myc. Univ. n. 489, *non* Dmz.; an *Phyll. Loniceræ* West.?

Hab. in foliis Loniceræ Xylostei et L. Caprifolii *a Conegliano e Susigana*, aut. 1876 (SPEGAZZINI et SACCARDO).

Obs. Maculæ arescendo expallentes, subrotundæ; perithecia sparsa epiphylla, innato-erumpentia, scutiformia, atra; radiatim texta, dein radiatim dehiscentia; spermatia oblonga rostrato-recurva, 25–10, guttulata hyalina.

94. **Muricularia** Sacc. nov. gen. Peritheciis globosis, astomis, membranaceo-tenacellis, superficialibus, undique muriculatis; spermatiis variis botuliformibus, quandoque gibbosis v. subramulosis. – **Muricularia eurotioides** Sacc. sp. nov. Peritheciis globosis, membranaceo-tenacellis, ex albo ochraceis, 100 micr. diam., undique aculeolos elongato-conoideos, 1–cellulares, ima basi annulato-subconstrictos, hyalinos gerentibus; perithecii contextu minute granuloso; spermatiis copiosissimis e strato proligero tenui immediate oriundis, polymorphis nunc botuliformibus, nunc medio ventricosis, nunc subfurcatis, polis obtusiusculis et 1–guttulatis, hyalinis, jodii ope intense cærulascentibus, strato proligero vero eadem ope intense flavescente.

Hab. in nidis vesparum putrescentibus, socio *Aspergillo virente* Lk. *a Padova*, Sept. 1874.

95. **Coniothyrium fœdans** Sacc. sp. nov. Peritheciis gregariis, v. hinc inde aggregatis, cortice nidulantibus, nigris, farctis dein cavis, ostiolo impresso, minuto; perithecii contextu parenchymatico olivaceo-fuligineo, distincto; stylosporis copiosis, ut plurimum perfecte globosis diam. 2–3, rarius globoso-ellipsoideis, 4 ∗ 3, initio brevissime stipitatis, hyalinis, denique olivaceis, 1–guttulatis, tandem effusis corticemque late olivatro-inquinantibus.

Hab. in ramis corticatis Robiniæ Pseudacaciæ *a Selva*, Aug. 1875 et Mori albæ *a Vittorio*, Apr. 1873.

Obs. A *Conioth. Fuckelii* Sacc. peritheciis majoribus, stylosporis globosis minoribus denique inquinantibus recedit. Habitus *Melanconii*, sed perithecia adsunt.

96. **Hendersonia biseptata** Sacc. sp. nov. Peritheciis gregariis subcutaneo-erumpentibus, diam. 80–90, globulosis, papillatis, atris; contextu membranaceo-carbonaceo, parenchymatico, distincto; stylosporis ellipsoideis, initio stipitellatis, continuis, dein 3–locularibus, vix constrictis, loculo medio quandoque breviore 10–12 ∗ 5–6, fuligineis.

Forma **Capparidis**: stylosporis ad septa magis constrictis, 14–15 ⁎ 7–7½.

Forma **Pruni domesticæ**: stylosporis leniter constrictis, 10 ⁎ 4–5, dilutioribus.

Hab. in ramulis Iasmini officinalis *a Vittorio*, Oct. 1875; forma *Capparidis* in ejusdem sarmentis *a Conegliano*, Apr. 1876 (Spegazzini); forma *Pruni domesticæ*, in ejusdem ramulis *a Padova*, Apr. 1873.

97. **Hendersonia** (Camarosporium) **sarmenticia** Sacc. sp. nov. Peritheciis sparsis erumpenti-superficialibus, subcarbonaceis, globosis, majusculis, atris, in ostiolum breve cylindraceum attenuatis; stylosporis e globoso ellipsoideis, inæqualibus, 22 ⁎ 12–14, sæpe in basim subcuneatis, 3–septato-muriformibus, ad septa vix constrictis, opace fuligineis, loculis extimis pallidioribus.

Hab. in sarmentis corticatis Hederæ Helicis *a Padova*, Majo 1873.

98. **Diplodia imperialis** Sacc. sp. nov. Peritheciis globulosis, subsuperficialibus, 100–110 diam., breve papillatis, fuligineo-atris, membranaceis; stylosporis oblongo-fusoideis, minutis, 8–10 ⁎ 3, 1–septatis, non v. vix constrictis pallide olivaceis.

Hab. in ramis decorticatis putrescentibus Paulowniæ imperialis *a Conegliano*, Iunio 1876 (Spegazzini).

99. **Diplodia microspora** Sacc. sp. nov. Peritheciis laxe gregariis, epidermide tumidula velatis, dein semierumpentibus, globulosis, depresso-papillatis; nucleo farcto atro; stylosporis oblongis, 10–15 ⁎ 4–5, rectis v. rarius inæquilateralibus, 1–septatis, vix constrictis, e strato proligero cellulari hyalino orientibus, fuligineo-ochraceis.

Hab. in ramulis corticatis putrescentibus Coryli Avellanæ, Quercus, Cerasi, Carpini, Aceris campestris, Pruni domesticæ, ubique immutata species, *a Selva, Padova,* aut. 1873–75.

100. **Chætomella atra** Fckl. Symb. myc. p. 402.

Hab. in culmis Arundinis Donacis putrescentibus *a Padova,* Martio 1875.

Obs. Perithecia superficialia, atro-olivacea, globosa dein umbilicata, v. subcupularia, setosa, astoma, contextu distincte radiatim parenchymatico, virescente-olivaceo; setæ paucæ, strictæ, parce septatæ, 110–8; spermatia copiosissima, cylindraceo-fusoidea, 12–15 ⁎ 2–3, minute 2-guttulata, olivacea.

*C. **lignicola**: peritheciis demum cupularibus, cæterum typo similibus; spermatiis fusiformibus v. subclavulatis, 12–15 ⁎ $2^1/_2$, sæpius 2-guttulatis, olivaceis, paraphysibus (sterigmatibus?) filiformibus, 60–70 ⁎ 1, intermixtis.

Hab. in ramis decorticatis variis *a Selva, Conegliano*, aut. 1875.

101. **Protomyces graminicola** Sacc. Myc. Ven. n. 496, Fungi Ven. ser. V. p. 172.

102. **Protomyces reticulatus** Sacc., Fungi Ven. ser. VI p. 13 n. 71.

103. **Protomyces Bizzozerianus** Sacc. Myc. Ven. n. 889, Fungi Ven. ser. VI p. 14 n. 75.

104. **Protomyces xylogenus** Sacc. Fungi Ven. ser. VI p. 14 n. 76.

105. **Phragmidium microsorum** Sacc. Myc. Ven. n. 848, Fungi Ven. ser. VI p. 10 n. 49.

106. **Polyporus sericellus** Sacc. Myc. Ven. n. 818, Fungi Ven. ser. VI p. 163.

107. **Ceriomyces terrestris** Schulz., Sacc. Myc. Ven. n. 836, Fungi Ven. ser. V p. 167.

108. **Patellaria nigerrima** Sacc. Fungi V. ser. IV p. 29.

109. **Lecanidion herbarum** Sacc. Fungi Ven. ser. IV p. 30.

110. **Lecanidion Bagnisianum** Sacc. Fungi Ven. ser. VI p. 58 n. 205.

111. **Niptera brachyspora** Sacc. Fungi Ven. ser. IV p. 32.

112. **Hyalopeziza Caricis** (Dmz.) Sacc. Fungi Ven. ser. IV p. 33.

113. **Belonidium basitrichum** Sacc. Fungi Ven. ser. IV p. 35, et **Helminthosporium belonidium** Sacc., ejusdem status conidicus.

114. **Sclerotinia oreophila** Sacc. Fungi Ven. ser. IV p. 35.
115. **Helotium nanum** Sacc. Fungi Ven. ser. IV p. 36.
116. **Helotium flavo-rufum** Sacc. Fungi Ven. ser. IV p. 37.
117. **Helotium querceti** Sacc. Fungi Ven. ser. VI p. 68.
118. **Pocillum Cesatii** (Mtgn.) DNtrs, Myc. Ven. n. 952, Fungi Ven. ser. VI p. 67.
119. **Calloria leucostigmoides** Sacc. Fungi Ven. ser. VI p. 63.
120. **Cryptodiscus major** Sacc. Fungi Ven. ser. VI p. 62.
121. **Glonium microsporum** Sacc. Myc. Ven. n. 261, Fungi Ven. ser. IV p. 25.
122. **Hysterium Bérengerii** Sacc. Fungi Ven. ser. IV p. 25.
123. **Hysterium minimum** Sacc. Fungi Ven. ser. IV p. 27 et ser. VI p. 55 n. 193.
124. **Lophodermium Epimedii** (Ces.) Sacc. Myc. Ven. n. 949, Fungi Ven. ser. VI p. 56.
125. **Caldesiella italica** Sacc. Fungi Ven. ser. VI p. 6.
126. **Dimerosporium pulchrum** Sacc., stat. conid. **Sarcinella heterospora** Sacc. Cfr. Sacc. Fungi Ven. ser. II p. 299.
127. **Dimerosporium pulchrum** Sacc., stat. ascoph. Cfr. l. c.
128. **Anthostoma Venetum** Sacc. Fungi Ven. ser. VI p. 25.
129. **Anthostomella limitata** Sacc. Fungi Ven. ser. IV pag. 1.
130. **Anthostomella tomicoides** Sacc. Fungi Ven. ser. IV pag. 1.
131. **Anthostomella nitidula** Sacc. Fungi Ven. ser. IV pag. 2.
132. **Didymosphæria nitidula** Sacc. Fungi Ven. ser. VI pag. 42.
133. **Didymosphæria socialis** Sacc. Fungi Ven. ser. II pag. 324.

134. **Didymosphæria anaxæa** Sacc. Fungi Ven. ser. II pag. 325.
135. **Amphisphæria Spegazziniana** Sacc. Fungi Ven. ser. VI pag. 32.
136. **Bertia macrospora** Sacc. Fungi Ven. ser. III p. 8.
137. **Botryosphæria pustulata** Sacc. Fungi Ven. ser. IV pag. 3.
138. **Eriosphæria exigua** Sacc. Fung. V. ser. II p. 325.
139. **Kalmusia dealbata** Sacc. Myc. Ven. n. 677, Fungi Ven. ser. V p. 179.
140. **Fenestella phæospora** Sacc. Myc. Ven. n. 162, Fungi Ven. ser. IV p. 13.
141. **Lasiosphæria perpusilla** Sacc. Fungi Ven. ser. II pag. 327.
142. **Enchnosphæria passicrinis** Sacc. Fungi Ven. series II pag. 327.
143. **Herpotrichia Schiedermayeriana** Fckl., Sacc. Fungi Ven. ser. II p. 326.

Obs. Asci clavati, paraphysati, 110–120 ✶ 12–14, octospori; sporidia disticha v. oblique monosticha, fusoidea, 1–3–septata, 35–38 ✶ 5–6, 4–guttulata, mellea.

144. **Leptosphæria littoralis** Sacc. Fungi Ven. ser. VI pag. 38.
145. **Massaria eburnoides** Sacc. Fungi Ven. ser. VI pag. 41.
146. **Lophiostoma** (Schizostoma) **Montellicum** Sacc. Fungi Ven. ser. VI p. 43.
147. **Hypoxylon** (Epixylon) **pulchellum** Sacc. Fungi Ven. ser. IV p. 21.
148. **Hypoxylon** (Epixylon) **Bagnisii** Sacc. Fungi Ven. ser. VI p. 24.
149. **Rosellinia Sylvana** Sacc. Fungi Ven. ser. II p. 329 et ser. VI p. 26.
150. **Rosellinia apiculata** Sacc. Fungi Ven. ser. VI pap. 26
151. **Valsaria cariei** Sacc. Fungi Ven. ser. IV. p. 19.
152. **Valsaria anthostomoides** Sacc. Fungi Ven. ser. IV pag. 18.
153. **Thyronectria Patavina** Sacc. Fungi V. ser. IV p. 23.

154. **Calonectria varians** Sacc. Fungi Ven. ser. VI pag. 52.
155. **Nectria squamuligera** Sacc. Fungi Ven. ser. IV pag. 22.
156. **Nectria Mantuana** Sacc. Fungi Ven. ser. VI p. 52.
157. **Cryptosporella Veneta** Sacc. Fungi Ven. VI p. 30.
158. **Valsa** (Eutypa) **arundinacea** Sacc. Fungi Ven. ser. IV p. 15.
159. **Cryptovalsa arundinacea** Sacc. Fungi Ven. ser. IV p. 17 – Myc. Ven. n. 210.
160. **Cryptovalsa extorris** Sacc. Fungi Ven. ser. IV pag. 17.

Obs. Ad num. 235 pag. 66 post « **Dasyscypha** » adde « **virginea** »

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P. A. SACCARDO

(a Majo 1874 ad Januar. 1877).

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Patavii 1877. Typ. Seminarii.